



2023

Industrial
Panel PCs


Table of Contents

Industrial Panel PCs

1 Fanless Touch Panel Computers

Selection Guide		9
GOT107W-319	7" WSVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200	11
GOT110-316	10.4" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200	14
GOT115-319	15" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200	17
GOT5103W-845	10.1" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® N3060 Processor or Intel® Pentium® N3710 Processor	20
GOT5153W-845	15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060	23

2 Heavy-duty Fanless Touch Panel Computers

Selection Guide		28
 GOT315A-ELK-WCD	15.6" WXGA TFT Multi-touch Panel Computer with Intel® Celeron® Processor J6412	30
GOT315W-521	15.6" WXGA TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)	33
GOT315WL-845-PCT	15.6" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710	36
GOT318W-521	18.5" FHD TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)	39
GOT318WL-845	18.5" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710	42
GOT3187WL-834	18.5" WXGA/FHD TFT Multi-touch Panel Computer with Intel® Celeron® Processor J1900	45
GOT321W-521	21.5" FHD TFT Expandable Touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)	48
GOT3217WL-845-PCT	21.5" FHD TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710	51

3

Stainless Touch Panel Computers

Selection Guide		55
 GOT810-316	10.4" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT Panel Computer with Intel® Celeron® N3350 and Flat Bezel Design (0°C to +50°C)	58
GOT810-845	10.4" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Celeron® N3060 and Flat Bezel Design (-10°C to +50°C)	61
GOT812W-511	12.1" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)	64
 GOT815A-TGL-WCD	15.6" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT Panel Computer with Intel® Core™ i5-1145G7E or Celeron® 6305E Processor and Flat Bezel Design (-20°C to +50°C)	65
GOR815-834	15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Atom® Processor E3827 and Flat Bezel Design (-20°C to +55°C)	70
GOT815L-511	15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)	73
GOT815W-511	15.6" FHD TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)	76
GOT817-834	17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Atom® Processor E3827 and Flat Bezel Design (-20°C to +55°C)	79
GOT817L-511	17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)	82

4

Industrial Touch Panel Computers

Selection Guide		86
P1127E-500	12.1" XGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor and PCI/PCIe Slot	88
P1157E-500	15" XGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor and PCI/PCIe Slot	91
P1177E-500	17" SXGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor and PCI/PCIe Slot	94
P1197E-500	19" SXGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor, PCI/PCIe Slot	97

5 Modular Panel PCs

	Selection Guide		101
	ITC150WM	15.6" FHD TFTLCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	103
NEW	ITC151	15.6" HD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	106
NEW	ITC211	21.5" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	109
NEW	ITC241	23.8" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	110
NEW	ITC550	55" 4K TFT LCD Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	115

6 Industrial Touch Monitors

	Selection Guide		118
	P6103W-V3	10.1" WXGA TFT Widescreen Industrial LCD Monitor	121
	P6121-V3	12.1" XGA TFT Industrial LCD Monitor	124
	P6151-V3	15" XGA TFT Industrial LCD Monitor	127
	P6157W-V3	15.6" WXGA TFT Widescreen Industrial LCD Monitor	130
	P6171-V3	17" SXGA TFT Industrial LCD Monitor	133
	P6187W-V3	18.5" WXGA TFT Widescreen Industrial LCD Monitor	136
	P6191-V3	19" SXGA TFT Industrial LCD Monitor	139
	P6217W-V3	21.5" FHD TFT Widescreen Industrial LCD Monitor	142

7 Transportation Touch Panel Computers & Monitors

	Selection Guide		145
	GOT710S	EN50155 S3 10.4" SVGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845 1.91 GHz (-40°C to +70°C)	148
	GOT712S	EN50155 S3 12.1" XGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845 1.91 GHz (-40°C to +70°C)	151
NEW	GOT715S	EN 50155 Compliant 15" XGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845 1.91 GHz (-25°C to +70°C)	154
	P710	10.4" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)	157
	P712	12.1" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)	160
NEW	P718O	18.5" Full HD Open Frame Railway Monitor for Passenger Information System (PIS)	163

8

Medical Panel Computers

Selection Guide		167
MPC103-845	10.1" WXGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060	169
MPC102-845	10.4" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060	172
MPC152-845	15" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060	175
MPC153-834	15.6" WXGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor J1900	178

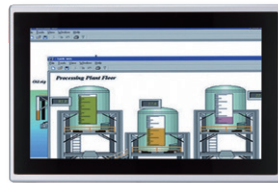


New Product Highlights

Heavy-duty Fanless Touch Panel Computers

GOT315A-WCD >>Page 30

15.6" WXGA TFT Multi-touch Panel Computer with Intel® Celeron® Processor J6412



- 15.6" WXGA projected capacitive multi-touch widescreen
- Fanless design with Intel® Celeron® processor J6412
- Supports WLAN module and antenna (optional)
- 2.5" SATA SSD
- 2 LAN, 4 USB, 1+2 COM, 1 HDMI, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, desktop stand, and wall mount

Stainless Touch Panel Computers

GOT810-316 >>Page 58

10.4" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT Panel Computer with Intel® Celeron® N3350 and Flat Bezel Design (0°C to +50°C)



- 10.4" XGA TFT LCD flat bezel projected capacitive touch
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- 0°C to +50°C wide operating temperature range
- Fanless design with Intel® Celeron® N3350
- M12 type I/O connectors for harsh environments

GOT815A-WCD >>Page 67

15.6" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT Panel Computer with Intel® Core™ i5-1145G7E or Celeron® 6305E Processor and Flat Bezel Design (-20°C to +50°C)



- 15.6" WXGA TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4) water/dust design
- Full stainless-steel enclosure with SUS 304
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-1145G7E or Celeron® 6305E processor
- Wi-Fi kit for wireless network connectivity (optional)
- Supports VESA mount
- M12-type connectors for harsh environments
- Supports proximity and light sensors (optional)

Modular Panel PCs



ITC151 >>Page 106

15.6" HD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card

- 15.6" HD TFT LCD
- 16:9 aspect ratio; 220 nits brightness
- Diamond-cut slim bezel under 33.5 mm thickness
- Projected capacity touch supported (10-point touch)
- Swappable Intel® SDM CPU card
- Modular design for various applications
- Supports an add-on RFID reader, barcode scanner, and camera modules (optional)
- Supports a thermal printer (optional)
- Supports desktop stand, floor stand, and wall mount (optional)



ITC211 >>Page 109

21.5" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card

- 21.5" FHD TFT LCD
- 16:9 aspect ratio; 250 nits brightness
- Diamond-cut slim bezel under 46.3 mm thickness
- Projected capacity touch supported (10-point touch)
- Swappable Intel® SDM CPU card
- Modular design for various applications
- Supports an add-on RFID reader, barcode scanner, and camera modules (optional)
- Supports a thermal printer (optional)
- Supports desktop stand, floor stand, and wall mount (optional)



ITC241 >>Page 112

23.8" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card

- 23.8" FHD TFT LCD
- 16:9 aspect ratio; 250 nits brightness
- Diamond-cut slim bezel under 47.5 mm thickness
- Projected capacity touch supported (10-point touch)
- Swappable Intel® SDM CPU card
- Modular design for various applications
- Supports an add-on RFID reader, barcode scanner, and camera modules (optional)
- Supports a thermal printer (optional)
- Supports desktop stand, floor stand, and wall mount (optional)



ITC550 >>Page 115

55" 4K TFT LCD Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card

- 55" UHD TFT LCD
- 16:9 aspect ratio; 500 nits brightness
- 4K resolution (3840 x 2160) ; contract ratio 1200:1
- Wide viewing angle 178°/178°
- Supports IR touch (10-point touch) (optional)
- Swappable Intel® SDM CPU card design
- Two 10W loudspeakers
- Supports landscape and portrait orientation

Transportation Touch Panel Computers & Monitors



GOT715S >>Page 154

EN 50155 Compliant 15" XGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845 1.91 GHz (-25°C to +70°C)

- Sunlight readable 15" XGA TFT LCD with 800 nits of high brightness
- Fanless with Intel Atom® processor E3845 1.91 GHz
- All lockable connectors design
- Auto-dimming for different environments
- -25°C to +70°C wide temperature range
- Typical 24 to 110 VDC wide power input range and EN 50155 Class S3 20ms power interruption protection compliant
- EN 50155 design compliance



P7180 >>Page 163

18.5" Full HD Open Frame Railway Monitor for Passenger Information System (PIS)

- EN 50155 compliance
- 18.5" Full HD TFT LCD
- Wide viewing angle and high brightness of 500 nits
- HDMI, DVI-D and VGA video inputs
- 24 to 110 VDC power input
- Supports VESA arm (100 x 100 mm)
- -25°C to +55°C wide operating temperature range
- Supports 5 OSD keys

1

Fanless Touch Panel Computers

The GOT100/GOT5000 series features fanless operation, ultra slim and modern ID design. Incorporating the low power consumption Intel® Celeron®/Pentium® processors and an ultra slim housing makes this product line a perfect choice for various applications across many industries.

Selection Guide		9
GOT107W-319	7" WSVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200	11
GOT110-316	10.4" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200	14
GOT115-319	15" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200	17
GOT5103W-845	10.1" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® N3060 Processor or Intel® Pentium® N3710 Processor	20
GOT5153W-845	15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060	23

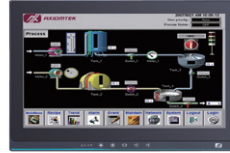
Industrial Panel PCs

Fanless Touch Panel Computers

Selection Guide



Features\Models	GOT107W-319	GOT110-316	GOT115-319
Display	7" WSVGA TFT LCD, 320 nits	10.4" XGA TFT LCD, 350 nits	15" XGA TFT LCD, 300 nits
CPU Level	Intel® Celeron® N3350, up to 2.4 GHz Intel® Pentium® N4200, up to 2.5 GHz	Intel® Celeron® N3350, up to 2.4 GHz Intel® Pentium® N4200, up to 2.5 GHz	Intel® Celeron® N3350, up to 2.4 GHz Intel® Pentium® N4200, up to 2.5 GHz
Chipset	SoC integrated	SoC integrated	SoC integrated
System Memory	1 x 204-pin DDR3L SO-DIMM, up to 8GB	1 x 204-pin DDR3L SO-DIMM, up to 8GB	1 x 204-pin DDR3L SO-DIMM, up to 8GB
I/O	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 1 x Screw type connector for power 1 x ATX/AT selectable switch 1 x Power button	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 4 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Screw type connector for power 1 x Power button (ATX) 1 x Remote power switch 1 x ATX/AT selectable switch	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line-out) 1 x Screw type connector for power 1 x Power button (ATX) 1 x Remote power switch 1 x ATX/AT selectable switch
Storage	1 x mSATA 1 x MicroSD Card	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" SATA HDD 1 x mSATA 1 x MicroSD card
Expansion Interface	1 x PCI Express Mini Card slot 1 x M.2 Key E	2 x PCI Express Mini Card slot	1 x PCI Express Mini Card slot 1 x M.2 Key E
Touchscreen	Projected capacitive multi-touch	5-wire resistive touch or projected capacitive multi-touch	5-wire resistive touch or projected capacitive multi-touch
Operating System	Windows® 11/10 (64-bit)	Windows® 10 (64-bit)	Windows® 11/10 (64-bit)
Power Supply	9 to 24 VDC with adapter cable	DC version: 12/19 to 24 VDC adapter cable AC version: 100 to 240 VAC-DC, 60W power adapter	9 to 24 VDC with adapter cable
Power Consumption	20.4W	24W	28.8W
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	192 x 37.4 x 145 mm (7.56" x 1.47" x 5.7")	259.43 x 43.5 x 232.73 mm (10.21" x 1.71" x 9.16")	329.7 x 50 x 306 mm (13" x 2" x 12")
Weight (net/gross)	0.75 kg (1.65 lb)/2.0 kg (4.41 lb)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	3.2 kg (7.1 lb)/4.8 kg (10.6 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Desktop stand/Panel/wall/ VESA mount	Desktop stand/Panel/wall/ VESA mount	Desktop stand/Panel/wall/ VESA mount
Certifications	CE, FCC	CE, FCC	CE, FCC



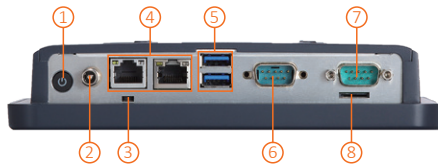
Features\Models	GOT5103W-845	GOT5153W-845
Display	10.1" WXGA TFT LCD, 350 nits	15.6" WXGA TFT LCD, 300 nits
CPU Level	Intel® Celeron® N3060, up to 2.48 GHz Intel® Pentium® N3710, up to 2.56 GHz	Intel® Celeron® N3060, up to 2.48 GHz
Chipset	SoC integrated	SoC integrated
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
I/O	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch
Storage	1 x Half-slim SATA SSD (optional) 1 x mSATA	1 x mSATA 1 x 2.5" SATA HDD (AC version only)
Expansion Interface	2 x PCI Express Mini Card slot	2 x PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch	5-wire resistive touch or projected capacitive multi-touch
Operating System	EOS: WES7, WE8S, Windows® 10 IoT OS: Windows® 7/ 8.1/10	EOS: WES7, WE8S, Windows® 10 IoT OS: Windows® 7/ 8.1/10
Power Supply	DC version: 24 VDC with over current protection fuse AC version: 100 to 240 VAC-DC, 60W power adapter	DC version: 9 to 36 VDC with over-current protection fuse AC version: 100 to 240 VAC-DC, 60W power adapter
Power Consumption	38.4W	46.8W
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	260.8 x 38 x 194.1 mm (10.27" x 1.50" x 7.65")	394.2 x 57 x 257.2 mm (15.53" x 2.25" x 10.13")
Weight (net/gross)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)	3.0 kg (6.61 lb)/4.5 kg (9.92 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Wall/ VESA mount	Wall/ VESA mount
Certifications	CE, FCC	CE, FCC

GOT107W-319

7" WSVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume adjust +/-



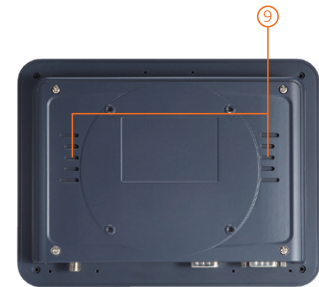
1. Power button
2. Screw connector for adapter
3. AT/ATX switch
4. 2 x LAN
5. 2 x USB 3.0
6. 1 x RS-232/422/485
7. 1 x RS-232
8. Micro SD card slot
9. Speakers

Features

- 7" WSVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3350 or Intel® Pentium® Processor N4200
- 2 GbE LAN, 2 USB and 2 COM ports
- Plastic and IP65-rated front bezel
- External AT/ATX mode selection switch
- Easy access storage & RAM design
- Supports panel mount, wall mount, VESA arm and desktop stand
- RS-232/422/485 with RI/5V/12V selectable by BIOS
- Programmable OSD function key



▲ Side view



▲ Rear view

Introduction

The GOT107W-319 is a 7" fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with the Intel® Celeron® processor N3350 or Pentium® processor N4200. For wireless network connection, the GOT107W-319 offers one PCI Express Mini Card slot and one M.2 Key E for wireless module. By just plugging in the WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments.

Super Slim Design

The GOT107W-319 is a super slim touch panel computer for space-limited applications.

Support Front Membrane Keys

The GOT107W-319 has 5 membrane keys on the front panel which allows users to adjust the LCD on/off, LCD brightness and volume setting easily.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT107W-319 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	7" WSVGA TFT LCD with LED backlight
	Brightness (cd/m ²)	320 nits
	Resolution	1024 x 600
	Viewing Angel (H/V)	145°/150°
Main System	CPU	Intel® Celeron® processor N3350 2 cores (up to 2.4 GHz) Intel® Pentium® Processor N4200 4 cores (up to 2.5 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA (default storage) 1 x MicroSD card
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 1 x Screw type connector for power 1 x Power button 1 x AT/ATX switch	
TPM	TPM2.0	
Expansion Interface	1 x M.2 Key E for wireless module 1 x Full-size PCI Express Mini Card slot	
Touchscreen	Projected capacitive multi-touch	
Power Supply	DC version : 9 to 24 VDC with adapter cable	
Power Consumption	20.4W	
Dimensions	192 mm (7.56") (W) x 37.4 mm (1.47") (D) x 145 mm (5.7") (H)	
Packing Dimensions	380 mm (15") (W) x 100 mm (4") (D) x 280 mm (11") (H)	
Weight (net/gross)	0.75 kg (1.65 lb)/2.0 kg (4.41 lb)	
Operating Temperature	0°C to +50°C (+32°F to +122°F)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operation Vibration	2G, 5 to 500Hz, random for SSD	
Certifications	CE, FCC class B	

Ordering Information

Standard

GOT107W-319 PCT-DC (P/N: E22B107101)	7" WSVGA fanless touch panel computer with Intel® Celeron® N3350 processor onboard, projected capacitive multi-touch screen, EMI Class B with screw type connector, DC cable, and logo
GOT107W-319 N4200-PCT-DC (P/N: E22B107105)	7" WSVGA fanless touch panel computer with Intel® Pentium® N4200 processor onboard, projected capacitive multi-touch screen, EMI Class B with screw type connector, DC cable, and logo

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT107W-319
1 x DC cable (GOT107W-319-DC)
1 x M3 screw for M.2 card slot
1 x M2 screw for mSATA card slot
1 x Thermal pad for RAM
1 x Thermal pad for mSATA

Optional Accessories

Wi-Fi + Bluetooth kit

8812B1071AOE Panel mount kit

8812B1070AOE Wall mount kit

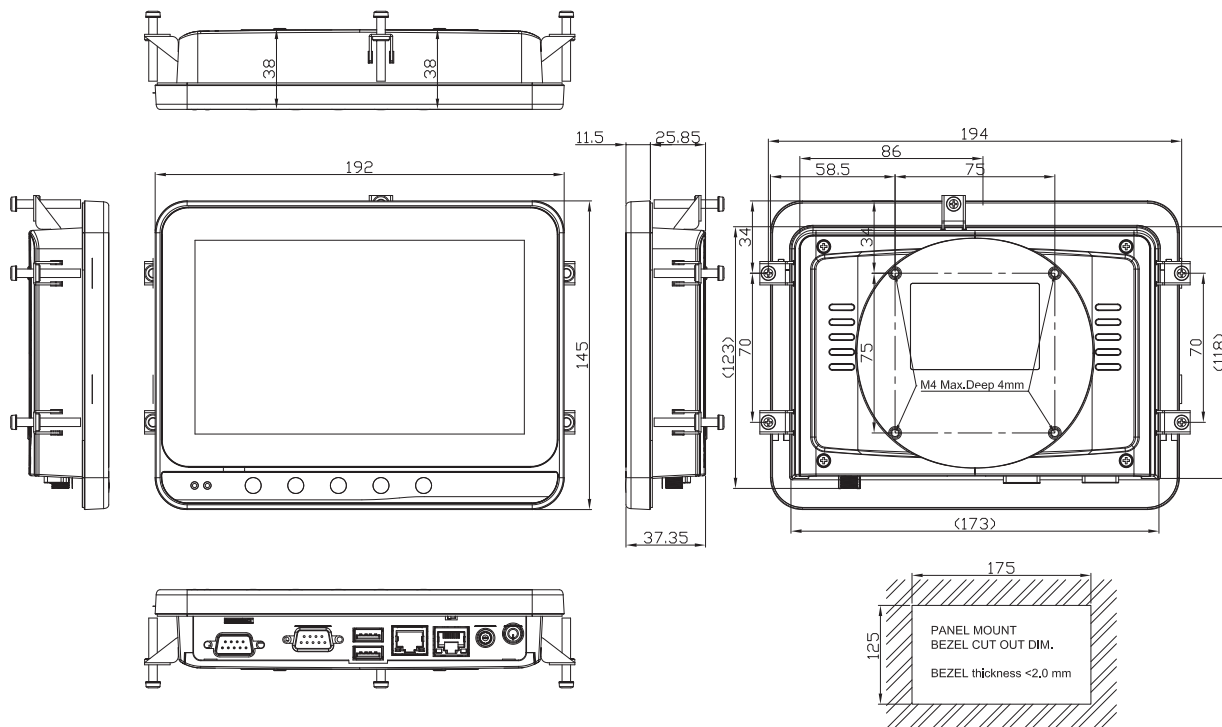
E226171119 Stand kit

50956A24030E Adapter 12V/36W

Optional OS Installation

Windows® 11/10 (64-bit)

Dimensions

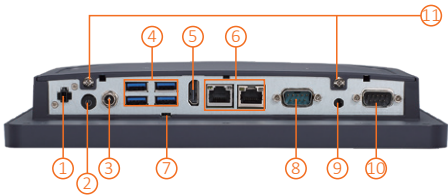


GOT110-316

10.4" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume on/off



- | | |
|--------------------------------|-----------------------|
| 1. Remote power switch | 7. AT/ATX switch |
| 2. Power button | 8. 1 x RS-232/422/485 |
| 3. Screw connector for adapter | 9. 1 x Line-out |
| 4. 4 x USB 3.0 | 10. 1 x RS-232 |
| 5. 1 x HDMI | 11. Speakers |
| 6. 2 x LAN | |

Features

- 10.4" XGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3350 or Intel® Pentium® processor N4200
- 2 GbE LAN, 4 USB, and 2 COM
- IP65-rated front bezel and IPX1 rated back cover
- Peripheral support including MSR, RFID, Wi-Fi, and barcode scanner
- External AT/ATX mode selection switch
- Easy maintenance design for storage and memory
- Supports panel mount, wall mount, VESA arm, and desktop stand
- Adjustable RS-232/422/485 setting via BIOS
- Aluminum cover for the better thermal dissipation and reliability



▲ Side view

Introduction

The GOT110-316 is a 10.4" XGA fanless touch panel computer. It adopts a modern, super sleek and fanless design and is equipped with the Intel® Celeron® processor N3350 or Intel® Pentium® processor N4200. For wireless network connection, the GOT110-316 offers two PCI Express Mini Card slots. By just plugging in the WLAN card, customers can have instant access to wireless LAN. Besides, it can be integrated with peripheral devices including barcode scanner, RFID, MSR, Wi-Fi, and Bluetooth.

Super Slim Design

With a thickness of 43.5 mm, the GOT110-316 is a super slim touch panel computer for space-limited environment.

Support Front Membrane Keys

The GOT110-316 provides 5 Membrane keys in front of system, people can adjust the system display, volume and brightness.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT110-316 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.4" XGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits (XGA)
	Resolution	1024 x 768
	Viewing Angel (H/V)	160°/160°
Main System	CPU	Intel® Celeron® processor N3350 2 cores (up to 2.4 GHz) Intel® Pentium® processor N4200 4 cores (up to 2.5 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	1 x RS-232/422/485 (default RS-232) 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 4 x USB 3.0 1 x Screw type connector for power 1 x Power button (ATX) 1 x Remote power switch 1 x Audio (Line-out) 1 x ATX/AT selectable switch 1 x HDMI	
TPM	N/A	
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM	
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive touch	
Power Supply	DC version: 12/19 to 24 VDC adapter cable AC version: 100 to 240 VAC-DC, 60W power adapter	
Power Consumption	24W	
Dimensions	259.43 mm (10.21") (W) x 43.5 mm (1.71") (D) x 232.73 mm (9.16") (H)	
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)	
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	
Operating Temperature	0°C to +50°C (+32°F to +122°F)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operation Vibration	2G, 5- 500Hz, random for SSD	
Certifications	CE, FCC	

Ordering Information

Standard

GOT110-316-PCT-J (P/N: E22B110106)	10.4" XGA fanless touch panel computer with Intel® Celeron® processor N3350 w/projected capacitive multi-touch screen, AC-DC 60W power adapter, and EMI Class A
GOT110-316-N4200-PCT-J (P/N: E22B110107)	10.4" XGA fanless touch panel computer with Intel® Celeron® processor N4200 w/projected capacitive multi-touch screen, AC-DC 60W power adapter, and EMI Class A
GOT110-316-R-J (P/N: E22B110101)	10.4" XGA fanless touch panel computer with Intel® Celeron® processor N3350, 5-wire flat resistive touch, AC-DC 60W power adapter (screw type connector), and EMI Class A
GOT110-316-R-DC (P/N: E22B110103)	10.4" XGA fanless touch panel computer with Intel® Celeron® processor N3350, 5-wire flat resistive touch, screw type power input with DC cable, and logo
GOT110-316-R-J N4200 (P/N: E22B110104)	10.4" XGA fanless touch panel computer with Intel® Pentium® processor N4200 , 5-wire flat resistive touch, AC-DC 60W power adapter (screw type connector), EMI Class A, and logo
GOT110-316-R-DC N4200 (P/N: E22B110105)	10.4" XGA fanless touch panel computer with Intel® Pentium® processor N4200, resistive touch, screw type power input with DC cable, and logo

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT110-316
 1 x Adapter (GOT110-316-J)
 1 x DC cable (GOT110-316-DC)

Optional Accessories

External Wi-Fi + Bluetooth kit*

RFID kit

8812B1101AOE Panel mount kit

8812B1100AOE Wall mount kit

E226171119 Stand kit

Barcode scanner kit

* Standard Wi-Fi kit does not support panel mount.

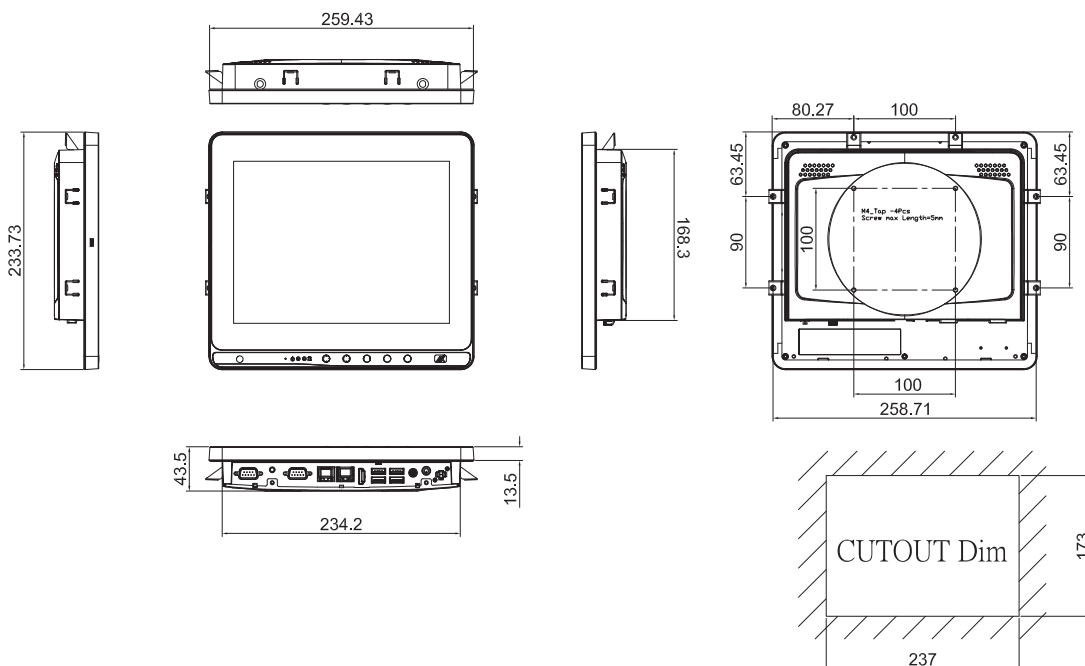
Optional OS Installation

Windows® 10



▲ AC power adapter
 (for GOT110--316-J)

Dimensions

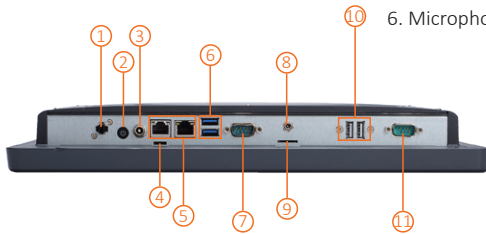


GOT115-319

15" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3350 or Intel® Pentium® Processor N4200



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume +/-
6. Microphone



- | | |
|------------------------------------|-----------------------|
| 1. Remote power switch | 7. 1 x RS-232/422/485 |
| 2. Power button | 8. Line-out |
| 3. Screw connector for power input | 9. Micro SD card slot |
| 4. AT/ATX switch | 10. 2 x USB 2.0 |
| 5. 2 x LAN | 11. 1 x RS-232 |
| 6. 2 x USB 3.0 | 12. Speakers |

Features

- 15" XGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3350 or Intel® Pentium® processor N4200
- 2 GbE LAN, 4 USB, and 2 COM
- IP65-rated plastic front bezel
- Supports RFID and wireless module (optional)
- External AT/ATX mode selection switch
- Easy access storage & RAM design
- Supports panel mount, wall mount, VESA arm, and desktop stand
- RS-232/422/485 with RI/5V/12V selectable by BIOS
- Programmable OSD function key



▲ Rear view

Introduction

The GOT115-319 is a 15" XGA fanless touch panel computer. It adapts a modern, super sleek and fanless design and is equipped with Intel® Celeron® processor N3350 or Intel® Pentium® processor N4200. For wireless network connection, the GOT115-319 offers one PCI Express Mini Card slot and one M.2 Key E for wireless module. By just plugging in the WLAN card, customers can have instant access to wireless environment.

Super Slim Design

With a thickness of 50 mm, the GOT115-319 is a super slim touch panel computer for space-limited environment.

Support Front Membrane Keys

The GOT115-319 has 5 membrane keys on the front panel which allows users to adjust the LCD on/off, LCD brightness and volume setting easily

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT115-319 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15" XGA TFT LCD with LED backlight
	Brightness (cd/m ²)	300 nits (XGA)
	Resolution	1024 x 768
	Viewing Angel (H/V)	160°/160°
Main System	CPU	Intel® Celeron® processor N3350 2 cores (up to 2.4 GHz) Intel® Pentium® processor N4200 4 cores (up to 2.5 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA 1 x MicroSD card
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	1 x RS-232/422/485 (default RS-232) 1 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Screw type connector for power 1 x Power button (ATX) 1 x Remote power switch 1 x Audio (Line-out) 1 x ATX/AT selectable switch	
TPM	TPM2.0	
Expansion Interface	1 x M.2 Key E for wireless module 1 x Full-size PCI Express Mini Card slot	
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive touch	
Power Supply	DC version: 9 to 24 VDC with adapter cable	
Power Consumption	28.8W	
Dimensions	329.69 mm (13") (W) x 50 mm (2") (D) x 306 mm (12") (H)	
Packing Dimensions	510 mm (20.1") (W) x 190 mm (7.5") (D) x 540 mm (21.2") (H)	
Weight (net/gross)	3.2 kg (7.1 lb)/4.8 kg (10.6 lb)	
Operating Temperature	0°C to +50°C (+32°F to +122°F)	
Relative Humidity	10%- 90% @ +40°C; non-condensing	
Operation Vibration	2G, 5- 500Hz, random for SSD	
Certifications	CE, FCC	

Ordering Information

Standard

GOT115-319-C-DC (P/N: E22B115100)	15" XGA fanless touch panel computer with Intel® Celeron® processor N3350 onboard, projected capacitive, EMI Class A, screw type connector with DC cable
GOT115-319-R-DC (P/N: E22B115101)	15" XGA fanless touch panel computer with Intel® Celeron® processor N3350 onboard, 5 wire resistive touch, EMI Class A, screw type connector with DC cable
GOT115-319-N4200-C-DC (P/N: E22B115102)	15" XGA fanless touch panel computer with Intel® Pentium® processor N4200 onboard, projected capacitive multi-touch, EMI Class A, screw type connector with DC cable
GOT115-319-N4200-R-DC (P/N: E22B115103)	15" XGA fanless touch panel computer with Intel® Pentium® processor N4200 onboard, 5 wire resistive touch, EMI Class A, screw type connector with DC cable

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT115-319
1 x DC cable
4 x M3 screws for SSD/HDD
1 x M3 screw for M.2 card slot
1 x M2 screw for mSATA card slot

Optional Accessories

Wi-Fi + Bluetooth kit

RFID kit

8812B1150A0E Panel mount kit

8812B1100A0E Wall mount kit

50966124050E Adapter 12V/60W

E226171119 Stand kit

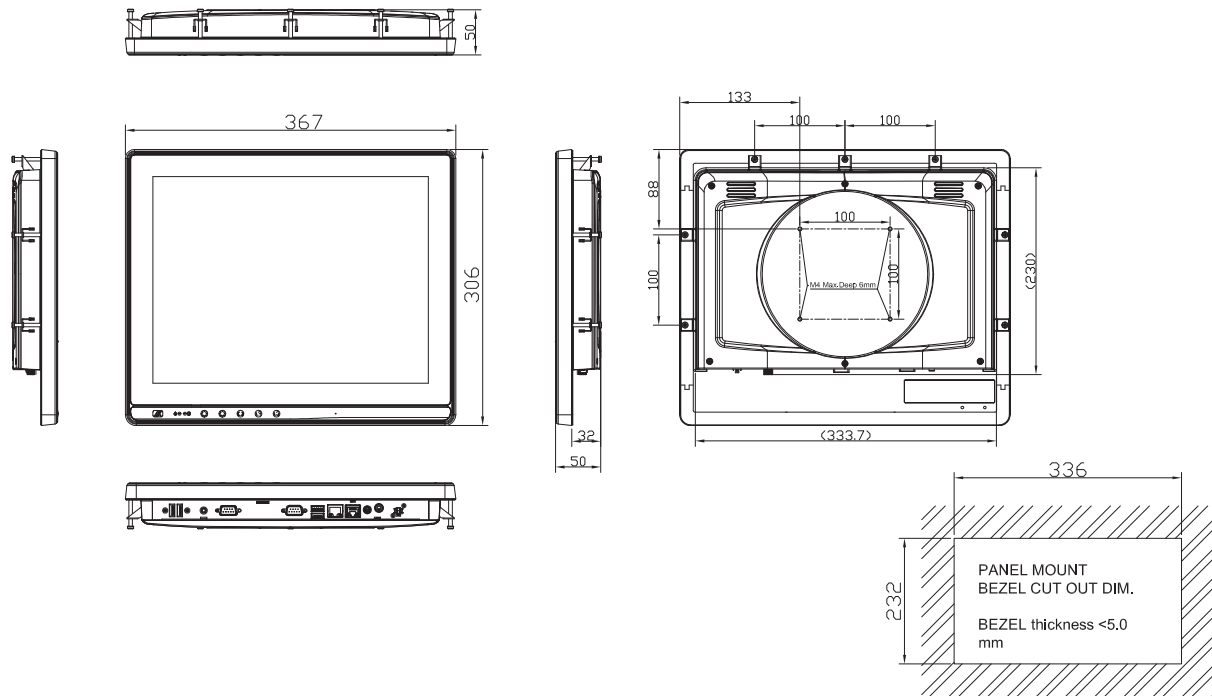
Optional OS Installation

Windows® 11/10 (64-bit)



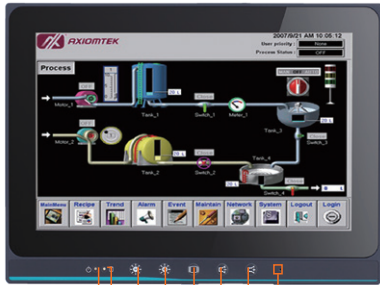
▲ AC power adapter
(for GOT115-319)

Dimensions

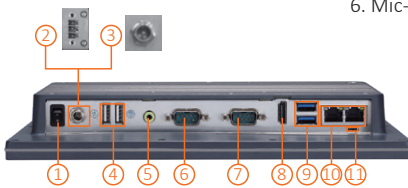


GOT5103W-845

10.1" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® N3060 Processor or Intel® Pentium® N3710 Processor



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume control
6. Mic-in (optional)



- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Power switch (ATX) 2. Terminal block for DC power input or 3. Screw connector for AC power adapter 4. 2 x USB 2.0 5. 1 x Line-out 6. 1 x RS-232/422/485 | <ol style="list-style-type: none"> 7. 1 x RS-232 8. 1 x HDMI 9. 2 x USB 3.0 10. 2 x LAN 11. AT/ATX switch 12. Speakers |
|---|--|

Features

- 10.1" WXGA wide screen TFT LCD display with LED backlight
- Projected capacitive multi-touch
- Fanless design with Intel® Celeron® N3060 processor or Intel® Pentium® N3710 processor
- 1 mSATA and 1 half-slim SATA SSD (optional)
- 2 GbE LAN, 4 USB, 2 COM, 2W speakers, and optional Mic-in
- IP65-rated front bezel and IPX1 full enclosure design
- Supports panel mount, wall mount, VESA arm, and desktop stand
- External AT/ATX mode selection switch



Introduction

The GOT5103W-845 is a 10.1" WXGA fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with the Intel® Celeron® N3060 processor or Intel® Pentium® N3710 processor. For wireless network connection, the GOT5103W-845 offers two PCI Express Mini Card slots. By just installing a WLAN card and antennas, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power with terminal block connector and AC power adapter with screw type connector.

Slim & Lightweight Design

The GOT5103W-845 is slim and lightweight which make it fit for limited space installation.

Optional Internal WLAN Antenna

The GOT5103W-845 provides two PCI Express Mini Card slots and optional internal WLAN antennas for wireless network connections. Customers can use the GOT5103W-845 in wireless LAN/GPRS/GSM/4G environment.

Support Front Membrane Keys (optional)

The GOT5103W-845 has 5 membrane keys on the front panel which allows users to adjust the LCD on/off, LCD brightness and volume setting easily.

Specifications

Front Bezel	IP65, plastic front bezel	
LCD Panel	Display Type	10.1" WXGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 800
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz) Intel® Pentium® processor N3710 4 cores (up to 2.56 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-slim SATA SSD (only for GOT5103W-845-PCT-J) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD GFX
I/O Connector	1 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	
TPM	N/A	
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM	
Touchscreen	Projected capacitive multi-touch	
Power Supply	AC version: 100 to 240 VAC-DC, 60W power adapter DC version: 24 VDC with over current protection fuse	
Power Consumption	38.4W	
Dimensions	260.8 mm (10.27") (W) x 38 mm (1.50") (D) x 194.1 mm (7.65") (H)	
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H)	
Weight (net/gross)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)	
Operating Temperature	0°C to +50°C (+32°F to +122°F)	
	0°C to +45°C (+32°F to +113°F) (GOT5103W-845 N3710)	
Relative Humidity	20% to 90% @ 40oC; non-condensing	
Operation Vibration	2G, 10- 500Hz, random for SSD	
Certifications	CE, FCC, UL60950-1	

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

Standard

GOT5103W-845-PCT-J (P/N: E225103100)	10.1" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, AC-DC 60W power adapter (screw type connector), and EMI class A
GOT5103W-845-PCT-24VDC (P/N: E225103102)	10.1" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, and 24 VDC terminal block connector
GOT5103W-845-PCT-J N3710 (P/N: E225103114)	10.1" WXGA fanless touch panel computer with Intel® Pentium® processor N3710, projected capacitive multi-touch screen, AC-DC 60W power adapter (screw type connector), and EMI class A
GOT5103W-845-PCT-24VDC N3710 (P/N: E225103115)	10.1" WXGA fanless touch panel computer with Intel® Pentium® processor N3710, projected capacitive multi-touch screen, and 24 VDC terminal block connector

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT5103W-845
 1 x Adapter (GOT5103W-845-J)
 1 x Power cord (GOT5103W-845-I)
 1 x Phoenix connector (GOT5103W-845 24 VDC)

Optional Accessories

Wi-Fi + Bluetooth kit

RFID kit

881251030AOE Panel mount kit

8812B1070AOE Wall mount kit

E226171119 Stand kit

Half slim SSD kit SFP (AC Version only)

Optional EOS Installation

WES7

WE8S (64-bit)

Windows® 10 IoT Enterprise (64bit)

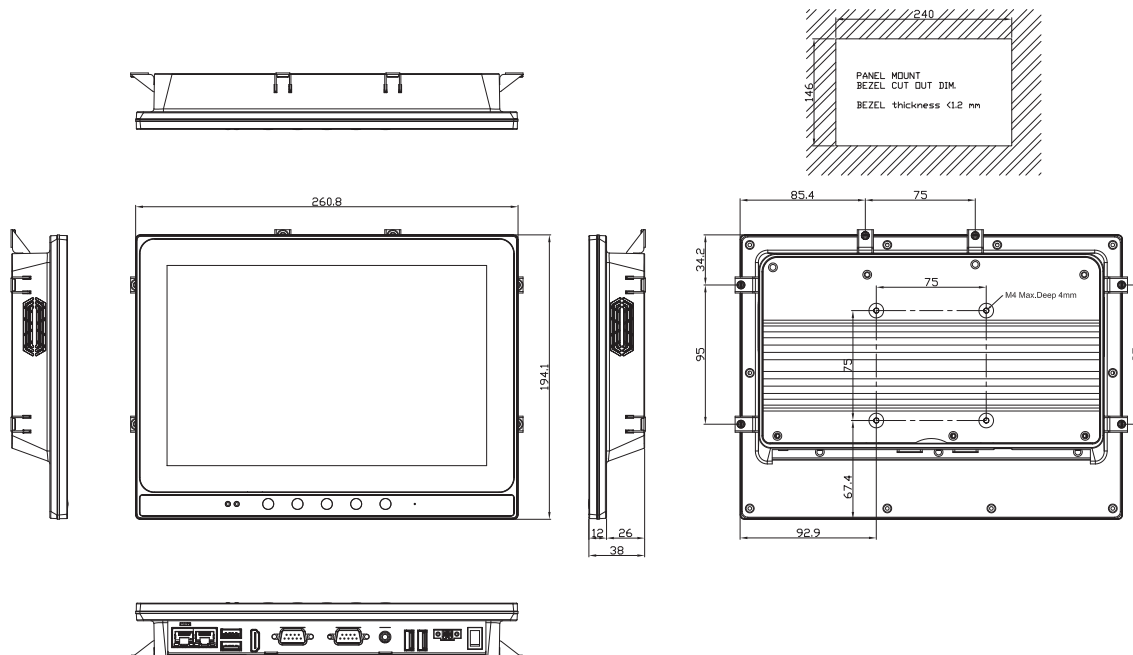
Optional OS Installation

Windows® 7

Windows® 8.1 (64-bit)

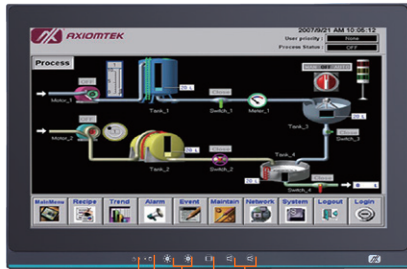
Windows® 10

Dimensions

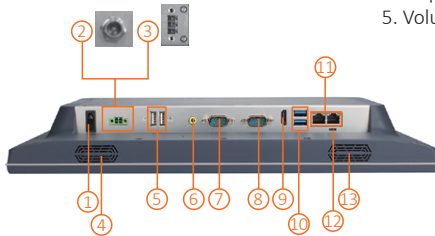


GOT5153W-845

15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume control



- | | |
|------------------------------------|------------------------------|
| 1. Power switch (ATX) | 8. 1 x RS-232 |
| 2. Power input connector (screw) | 9. 1 x HDMI |
| 3. Power input connector (phoenix) | 10. 2 x USB 3.0 |
| 4. Speakers | 11. 2 x LAN |
| 5. 2 x USB 2.0 | 12. AT/ATX selectable switch |
| 6. 1 x Line-out | 13. Speaker |
| 7. 1 x RS-232/422/485 | |

Features

- 15.6" WXGA wide screen TFT LCD display with LED backlight
- Projected capacitive touch or 5-wire flat resistive touch
- Fanless design with Intel® Celeron® processor N3060
- 2.5" SATA HDD or mSATA
- 2 GbE LANs, 4 USB, 2 COM, and speakers
- IP65-rated front bezel and IPX1 full enclosure
- Supports wall mount, VESA arm, and desktop stand
- Supports RFID (optional)



▲ Rear view

Introduction

The GOT5153W-845 is a 15.6" WXGA fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with the Intel® Celeron® processor N3060 up to 2.48 GHz. For wireless network connection, the GOT5153W-845 offers two PCI Express Mini Card slots. By just plugging in a WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9 to 36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

Slim & Lightweight Design

The GOT5153W-845 is slim and lightweight which make it fit for limited space installation.

Built-in Internal WLAN Antenna

The GOT5153W-845 provides two PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5153W-845 in wireless LAN/GPRS/GPS/4G environment.

Support Front Membrane Keys (optional)

The GOT5153W-845 has 5 membrane keys on the front panel which allows users to adjust the LCD on/off, LCD brightness and volume setting easily.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD with LED backlight
	Brightness (cd/m ²)	300 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) (AC version only) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD GFX
I/O Connector	1 x RS-232/422/485 (default RS-232) 1 x RS-232 1 x AT/ATX mode selection switch 1 x Switch for power on/off 2 x USB 2.0 2 x USB 3.0 1 x HDMI 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	
TPM	N/A	
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM	
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive touch	
Power Supply	DC version: 9 to 36 VDC with over-current protection fuse AC version: 100 to 240 VAC-DC, 60W power adapter	
Power Consumption	46.8W	
Dimensions	394.2 mm (15.53") (W) x 57 mm (2.25") (D) x 257.2 mm (10.13") (H)	
Packing Dimensions	508 mm (20.00") x 106 mm (4.17") x 383 mm (15.08")	
Weight (net/gross)	3.0 kg (6.61 lb)/4.5 kg (9.92 lb)	
Operating Temperature	0°C to +50°C (+32°F to +122°F) with W.T. DRAM/SSD	
Relative Humidity	20% to 90% @ 40°C; non-condensing	
Operation Vibration	2G, 5- 500Hz, random for CFast™	
Certifications	CE, FCC, UL60950-1	

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

Standard

GOT5153W-845-PCT-J (P/N: E225153116)	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, and AC-DC 60W power adapter (screw type connector)
GOT5153W-845-FR-J (P/N: E225153114)	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire flat resistive touch screen, and AC-DC 60W power adapter (screw type connector)

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT5153W-845
1 x Adapter (AC version only)
1 x Power cord (AC version only)

Optional Accessories

Wi-Fi + Bluetooth kit

RFID kit

881251531A0E Wall mount kit

E226171119 Stand kit

Optional EOS Installation

WES7

WE8S (64-bit)

Windows® 10 IoT Enterprise 64-bit

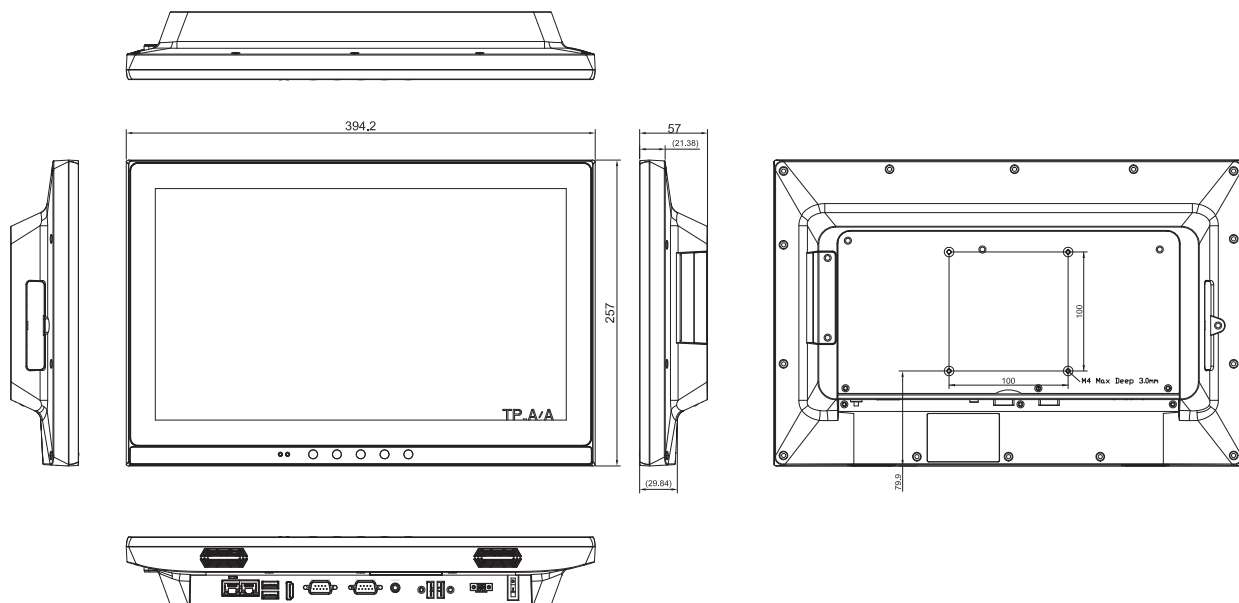
Optional OS Installation

Windows® 7

Windows® 8.1 (64-bit)

Windows® 10

Dimensions



2

Heavy-duty Fanless Touch Panel Computers

Axiomtek's heavy-duty GOT300 series is designed for kiosk and automation applications. It has a fashionable mechanism design and industrial-grade IP65-rated front bezel for water/dust-proof operation. It is suitable for use in industrial automation and control systems, building automation, machinery manufacturing environments, self-service kiosks, and other HMI applications.

Selection Guide		28
NEW GOT315A-ELK-WCD	15.6" WXGA TFT Multi-touch Panel Computer with Intel® Celeron® Processor J6412	30
GOT315W-521	15.6" WXGA TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)	33
GOT315WL-845-PCT	15.6" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710	36
GOT318W-521	18.5" FHD TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)	39
GOT318WL-845	18.5" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710	42
GOT3187WL-834	18.5" WXGA/FHD TFT Multi-touch Panel Computer with Intel® Celeron® Processor J1900	45
GOT321W-521	21.5" FHD TFT Expandable Touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)	48
GOT3217WL-845-PCT	21.5" FHD TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710	51

Industrial Panel PCs

Heavy-duty Fanless Touch Panel Computers

Selection Guide

NEW



Features\Models	GOT315A-ELK-WCD	GOT315W-521	GOT315WL-845-PCT
Display	15.6" WXGA TFT LCD, 400 nits	15.6" WXGA TFT LCD, 400 nits	15.6" WXGA TFT LCD, 400 nits
CPU Level	Intel® Celeron® processor J6412 (TDP 12W) (Elkhart Lake)	LGA1151 9th/8th gen Intel® Core™ i7/ i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)	Intel® Pentium® processor N3710 4C @ 1.6 GHz (Braswell)
Chipset	SoC integrated	Intel® H310	SoC integrated
System Memory	1 x 260-pin DDR4 SO-DIMM, up to 32GB	1 x 260-pin DDR4-2666/2400 SO-DIMM up, to 32GB	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
I/O	1 x Flexible I/O (default 2 x RS-232) 1 x COM for RS-232/422/485 1 x RJ-45 2.5Gb Base-T Ethernet 1 x RJ-45 1Gb Base-T Ethernet 4 x USB 3.2 Gen2 (10 Gbps) 1 x Phoenix type connector for VDC input 1 x Switch for power on/off (ATX) 1 x Line-out/MIC 1 x HDMI 1.4 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole (DC version)	1 x 9-pin D-sub Male for RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Phoenix type connector for VDC input 1 x Switch for power on/off (ATX) 1 x Line out 1 x HDMI 1 x DisplayPort 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding Hole	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet
Storage	1 x 2.5" SATA SSD 1 x mSATA	1 x 2.5" SATA HDD/SSD 1 x mSATA	1 x 2.5" SATA HDD 1 x mSATA
Expansion Interface	1 x Full-size PCI Express Mini Card slot 1 x M.2 Key E 2230 (for Wi-Fi)	1 x Full-size PCI Express Mini Card slot 1 x M.2 Key E 2230 (for Wi-Fi)	2 x Full-size PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch	Projected capacitive multi-touch	Projected capacitive multi-touch
Operating System	EOS: Windows® 10 IoT/11 IoT OS: Windows® 10/11, and Linux	EOS: Windows® 10 IoT OS: Windows® 10	EOS: Windows® 10 IoT OS: Windows® 10
Power Supply	DC terminal block: +9 to 36V	DC terminal block: +12V/+19V/+24V	DC version: 24 VDC
Power Consumption	70.8W	70W	72W
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	409.18 x 59.4 x 265.18 mm (16.1" x 2.3" x 10.4")	396.8 x 77 x 247.1 mm (15.6" x 3.04" x 9.73")	396.8 x 59 x 247.1 mm (15.6" x 2.3" x 9.73")
Weight (net/gross)	5.07kg(11.17 lb) /11.12kg(24.51lb)	6.5 kg(14.3 lb)/8.5kg(18.7 lb)	4.5 kg (9.9 lb)/6.5 kg (14.3 lb)
Operating Temperature	-10°C to 50°C (+14°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Panel/wall/ VESA mount	Panel/wall/ VESA mount	Panel/wall/ VESA mount
Certifications	CE, FCC	CE	CE

Heavy-duty Fanless Touch Panel Computers

Selection Guide



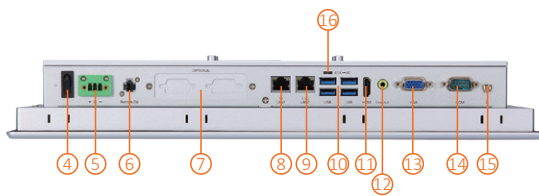
Features\Models	GOT318W-521	GOT318WL-845	GOT3187WL-834
Display	18.5" FHD TFT LCD, 500 nits	18.5" WXGA TFT LCD, 250 nits	18.5" WXGA TFT LCD, 250 nits 18.5" FHD TFT LCD, 500 nits
CPU Level	LGA1151 9th/8th gen Intel® Core™ i7/ i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)	Intel® Pentium® processor N3710 4C @ 1.6 GHz (Braswell)	Intel® Celeron® processor J1900 4C @ 2.0 GHz (Bay Trail-D)
Chipset	Intel® H310	SoC integrated	SoC integrated
System Memory	1 x 260-pin DDR4 2133/2400MHz SO-DIMM, up to 32GB	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
I/O	1 x 9-pin D-sub Male for RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line out 1 x HDMI 1 x DisplayPort 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding Hole	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet	2 x RS-232/422/485 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet
Storage	1 x 2.5" SATA HDD/SSD	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
Expansion Interface	1 x M.2 Key E slot 1 x Full-size mPCIe Card slot	2 x Full-size mPCIe Card slot	2 x Full-size PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch	Projected capacitive multi-touch / 5-wire Flat resistive touch (optional)	2 x Full-size mPCIe Card slot
Operating System	EOS: Windows® 10 IoT OS: Windows® 10	EOS: Windows® 10 IoT OS: Windows® 10	EOS: WE8S, WES 7, Windows® 10 IoT Enterprise OS: Windows® 7/ 8.1/10
Power Supply	DC terminal block: +12V/+19V/+24V	DC version: 24 VDC	DC version: 9 to 36 VDC AC version: 12 VDC 60W adapter
Power Consumption	120W	48W	49W (WXGA) 60W (FHD)
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	460.8 x 77 x 285 mm (18.11" x 3.04" x 11.22")	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")
Weight (net/gross)	7.8kg (17.2lb)/10.2kg (22.5lb)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +40°C (+32°F to +104°F)
Mounting	Panel/wall/ VESA mount	Panel/wall/ VESA mount	Panel/wall/ VESA mount
Certifications	CE	CE	CE



Features\Models	GOT321W-521	GOT3217WL-845-PCT
Display	21.5" FHD TFT LCD, 250 nits	21.5" FHD TFT LCD, 250 nits
CPU Level	LGA1151 9th/8th gen Intel® Core™ i7/ i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)	Intel® Pentium® processor N3710 4C @ 1.6 GHz (Braswell)
Chipset	Intel® H310	SoC integrated
System Memory	1 x 260-pin DDR4 2133/2400MHz SO-DIMM, up to 32GB	1 x 204-pin DDR3L-1333/1600MHz SO-DIMM, up to 8GB
I/O	1 x 9-pin D-sub Male for RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0, 2 x USB 2.0 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 1 x HDMI 1 x DisplayPort 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding Hole	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet
Storage	1 x 2.5" SATA HDD/SSD	1 x 2.5" SATA HDD 1 x mSATA
Expansion Interface	1 x M.2 Key E slot 1 x Full-size mPCIe Card slot	2 x Full-size mPCIe Card slot
Touchscreen	Projected capacitive multi-touch	Projected capacitive multi-touch
Operating System	EOS: Windows® 10 IoT OS: Windows® 10	EOS: Windows® 10 IoT OS: Windows® 10
Power Supply	DC terminal block: +12V/+19V/+24V	DC version: DC 24V AC version: 12VDC, 60W adapter
Power Consumption	105W	48W
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	547.59 mm x 75.6 mm x 339.05 mm (21.56" x 2.98" x 13.49")	547.6 mm x 58.5 mm x 339.0 mm (21.56" x 2.30" x 13.35")
Weight (net/gross)	8.4 kg (18.5 lb)/11.3 kg (24.9 lb)	7.6 kg (16.8 lb)/10.5 kg (23.1 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Panel/wall/ VESA mount	Panel/wall/ VESA mount
Certifications	CE	CE

GOT315A-ELK-WCD NEW

15.6" WXGA TFT Multi-touch Panel Computer with Intel® Celeron® Processor J6412



- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Backlight on/off 2. Brightness settings +/- 3. Speaker 4. Power button 5. DC power input 6. Remote power switch 7. Flexible I/O (default 2 x RS-232) 8. 1 x 1GbE LAN | <ol style="list-style-type: none"> 9. 1 x 2.5GbE LAN 10. 4 x USB 3.2 Gen2 11. 1 x HDMI 12. 1 x Line-in/out 13. 1 x VGA 14. 1 x COM for RS-232/422/485 15. Grounding hole 16. AT/ATX switch |
|--|--|

Features

- 15.6" WXGA projected capacitive multi-touch widescreen
- Fanless design with Intel® Celeron® processor J6412
- Supports WLAN module and antenna (optional)
- 2.5" SATA SSD
- 2 LAN, 4 USB, 1+2 COM, 1 HDMI, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, desktop stand, and wall mount



▲ Side View

Introduction

The GOT315A-ELK-WCD is a multi-touch fanless type panel PC with 15.6-inch WXGA LCD and supports Intel® Celeron® processor J6412. It also provides M.2 Key E and PCI Express Mini Card slots for add-on devices such like Wi-Fi module for factory automation, and oil pipe monitoring system.

15.6-inch WXGA LCD with Projected Capacitive Multi-touch

The 15.6" WXGA touch panel PC supports 400 nits brightness, able to display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The touch glass surface is up to 3H for anti-scratch purpose.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor J6412 (TDP 10W) (Elkhart Lake)
	Chipset	SoC integrated
	System Memory	1 x 260-pin DDR4 SO-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA
		1 x 2.5" SATA SSD (7 mm or 9.5 mm height; removable)
	Watchdog Timer	255 levels, 0 to 255 sec.
Onboard Graphics	Integrated with Intel® UHD Graphics	

I/O Connector	1 x Flexible I/O (default 2 x RS-232) 1 x COM for RS-232/422/485 1 x RJ-45 2.5Gb Base-T Ethernet (Intel® I226-LM with TSN) 1 x RJ-45 1Gb Base-T Ethernet (Intel® I210-AT) 4 x USB 3.2 Gen2 (10 Gbps) 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-in/out 1 x HDMI 1.4 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole (DC version)
TPM	TPM 2.0
Expansion Interface	1 x Full-size PCI-Express Mini Card slot (PCIe/SATA + USB) 1 x M.2 Key E 2230 (for Wi-Fi)
Touchscreen	Projected capacitive multi-touch
Power Supply	9 to 36VDC 1 x Terminal block
Power Consumption	70.8W
Dimensions	409.18 mm (16.1") x 59.4 mm (2.3") x 265.18 mm (10.4")
Packing Dimensions	535 mm (21.06") (W) x 485 mm (19.09") (D) x 196 mm (7.71") (H)
Weight (net/gross)	5.07 kg (11.17 lb)/ 7.11 kg (15.66 lb)
Operating Temperature	-10°C to 50°C (+14°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	1G, 5 to 500Hz, random for 2.5" SATA SSD
Certifications	CE, EN 61000-6-2, EN 61000-6-4, and FCC Class A

Ordering Information

GOT315A-ELK-WCD (P/N: E22B315A00)	15.6" WXGA TFT fanless touch panel computer with Intel® Celeron® processor J6412, projected capacitive multi-touch screen, and 9 to 36 VDC terminal block with small Phoenix connector
--------------------------------------	--

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT315A-ELK-WCD
1 x Phoenix connector
1 x Panel mount kit

Optional Accessories

4G LTE kit	
Wi-Fi kit	
RFID kit	
Barcode scanner kit	
881231770A0E	Wall mount kit
50966224010E	Adaptor 24V/120W, wire only, FSP120-AAAN3
882B315A1A0E	Panel mount kit
E392902101	AX92902+AX93287 full-size PCI Express Mini Module with Gigabit LAN
E392903100	AX92903 full-size PCI Express Mini Module with CAN Bus
E392904101	AX92904 full-size PCI Express Mini Module with 32-bit DIO
E392906100	AX92906 full-size PCI Express Mini Module with COM
E392918102	AX92918 full-size PCI Express Mini Module with 2 Gigabit LAN

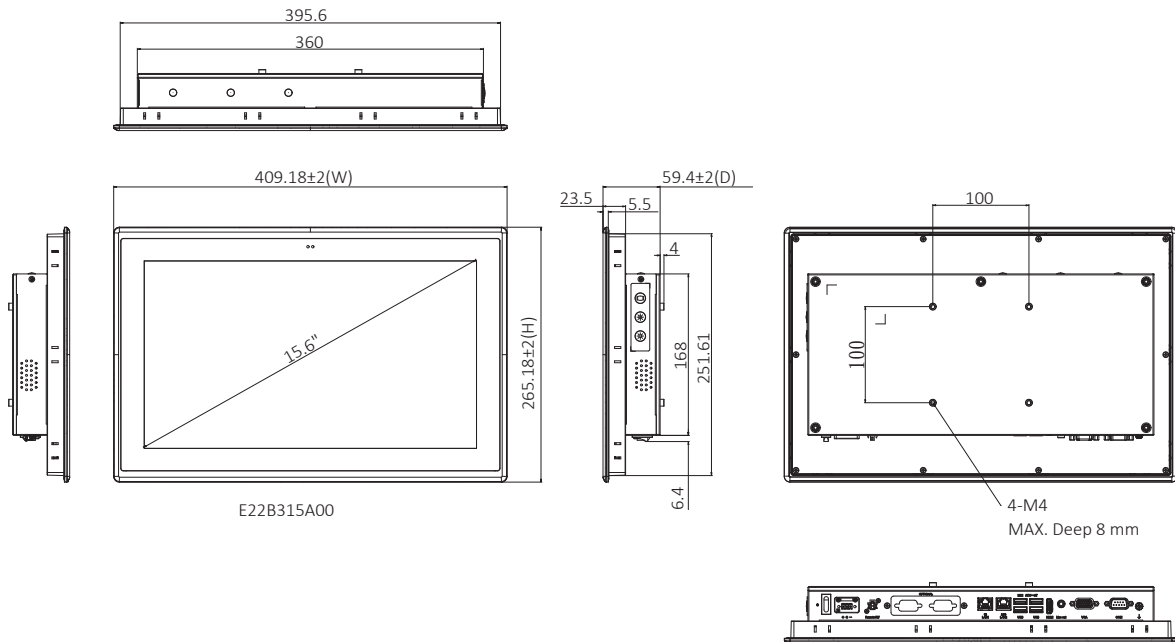
Optional EOS Installation

Windows® 10 IoT, Windows® 11 IoT

Optional OS Installation

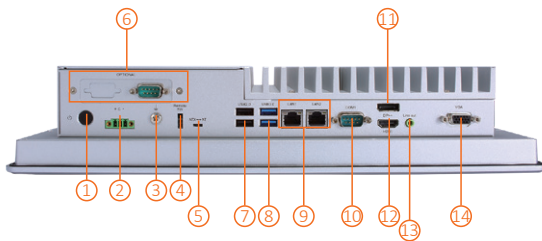
Windows® 10, Windows® 11, and Linux

Dimensions



GOT315W-521

15.6" WXGA TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)



- | | |
|--|--------------------------------|
| 1. Power button | 8. 2 x USB 3.0 |
| 2. Phoenix small type connector | 9. 2 x LAN |
| 3. Grounding hole | 10. 1 x COM for RS-232/422/485 |
| 4. Remote power switch | 11. 1 x DisplayPort |
| 5. AT/ATX switch | 12. 1 x HDMI |
| 6. Optional flexible I/O
(default 1 x RS-232) | 13. 1 x Line-out |
| 7. 2 x USB 2.0 | 14. 1 x VGA |

Features

- 15.6" WXGA projected capacitive multi-touch widescreen
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount



▲ Rear view

Introduction

The GOT315W-521-PCT is a multi-touch fanless type panel PC with 15.6-inch WXGA LCD and supports LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W). It also provides M.2 Key E and PCI Express Mini Card slots for add-on devices such like Wi-Fi module for factory automation, and oil pipe monitoring system.

15.6-inch WXGA LCD with Projected Capacitive Multi-touch

The 15.6" WXGA touch panel PC supports 400 nits brightness, able to display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The touch glass surface is up to 3H for anti-scratch purpose.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1366 x 768
Main System	CPU	LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
	Chipset	Intel® H310
	System Memory	1 x 260-pin DDR4-2666/2400 SO-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA
		1 x 2.5" SATA HDD/SSD (7 mm and 9.5 mm height; removable)
	Watchdog Timer	255 levels, 0 to 255 sec.
Onboard Graphics	Intel® integrated Gfx graphic engine	

I/O Connector	1 x 9-pin D-sub Male for RS-232 1 x COM for RS-232/422/485 2 x RJ-45 for GbE 2 x USB 3.0 2 x USB 2.0 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-out 1 x HDMI 1 x DisplayPort 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole (DC version)
TPM	TPM 2.0
Expansion Interface	1 x Full-size PCI-Express Mini Card slot (PCIe + SATA + USB) 1 x M.2 Key E 2230 (for Wi-Fi)
Touchscreen	Projected capacitive multi-touch
Power Supply	+12V/+19V/+24VDC 1 x terminal block
Power Consumption	70W
Dimensions	396.8 mm (15.6") (W) x 77 mm (3.04") (D) x 247.1 mm (9.73") (H)
Packing Dimensions	535 mm (21.06") (W) x 485 mm (19.09") (D) x 196 mm (7.71") (H)
Weight (net/gross)	6.5 kg(14.3 lb)/8.5kg(18.7 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	1G, 10- 500 Hz, random for 2.5" SATA HDD
Certifications	CE, EN 61000-6-2, EN 61000-6-4

Ordering Information

GOT315W-521-PCT-DC (P/N: E22B315105)	15.6" WXGA TFT fanless touch panel computer with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), projected capacitive multi-touch screen, and 24 VDC terminal block with small Phoenix connector
---	--

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT315WL-521
1 x Phoenix connector

Optional Accessories

4G LTE Kit

Wi-Fi kit

881231770AOE Wall mount kit

50966224010E Adaptor 24V/120W, wire only, FSP120-AAAN3

881261570AOE Panel mount kit

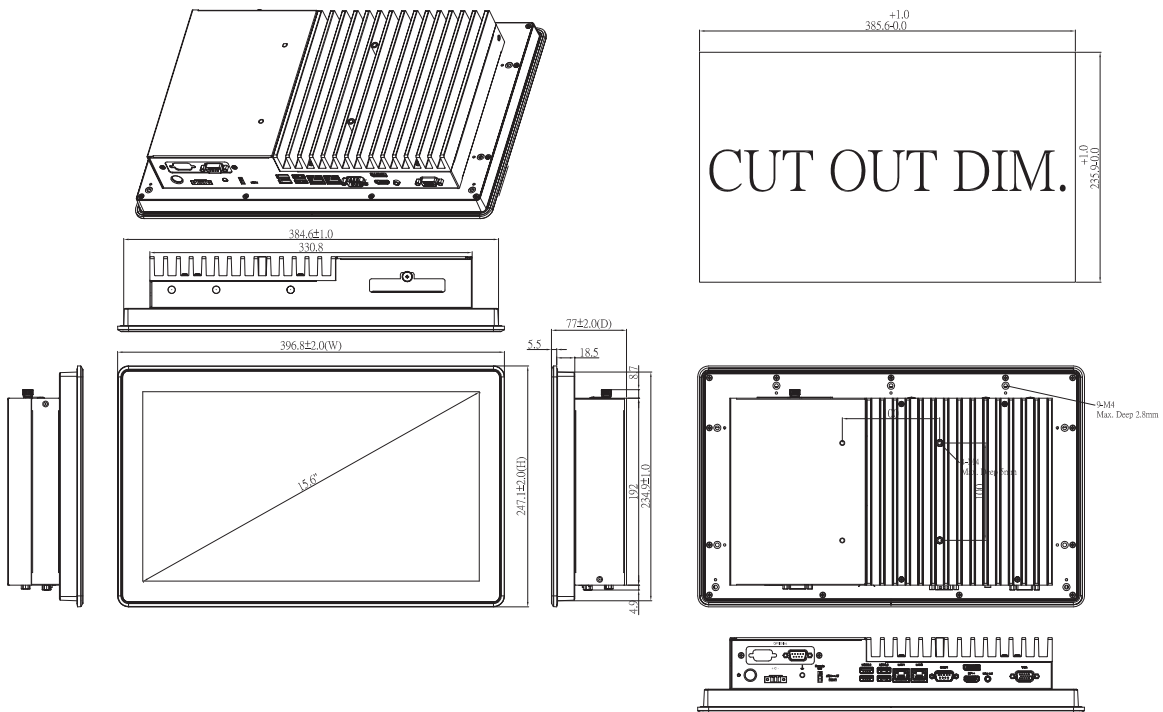
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

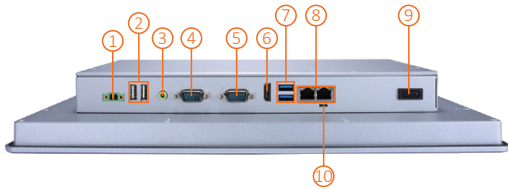
Windows® 10

Dimensions



GOT315WL-845-PCT

15.6" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710



- | | |
|--------------------------------------|------------------------------|
| 1. Terminal block for DC power input | 8. 2 x LAN |
| 2. 2 x USB 2.0 | 9. Power switch (ATX) |
| 3. 1 x Line-out | 10. AT/ATX selectable switch |
| 4. 1 x RS-232/422/485 | 11. Speaker |
| 5. 1 x RS-232 | 12. Backlight switch |
| 6. 1 x HDMI | 13. Brightness adjust +/- |
| 7. 2 x USB 3.0 | |

Features

- 15.6" WXGA projected capacitive multi-touch widescreen
- Fanless design with Intel® Pentium® processor N3710
- 2.5" SATA HDD and mSATA
- 3G, WLAN module and antennas (optional)
- 2 GbE LANs, 2 USB 3.0, 2 USB 2.0, and 2 COM
- IP65-rated aluminum front bezel
- Supports panel mount and VESA mount (VESA arm/desktop stand/wall mount optional)
- Adjustable RS-232/422/485 setting via BIOS



▲ Rear view

Introduction

The GOT315WL-845 has a 15.6-inch WXGA LCD and supports the low power Intel® Pentium® processor N3710. It also provides two PCI Express Mini Card slots for 3G, wireless network connectivity. This 15.6" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

15.6-inch WXGA LCD with Projected Capacitive Multi-touch

The 15.6" WXGA touch panel PC, supports 400 nits brightness, is able to display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The hardness of touch glass surface is up to 7H for anti-scratch purpose.

WLAN Antenna Supported (optional)

The GOT315WL-845 provides two PCI Express Mini Card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Pentium® processor N3710 4C @ 1.6 GHz (Braswell)
	Chipset	SoC integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics
I/O Connector	1 x RS-232	
	1 x RS-232/422/485	
	1 x Switch for power on/off (ATX)	
	1 x Audio (Line-out)	
	2 x USB 3.0	
	2 x USB 2.0	
	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	
TPM	N/A	
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA	
	1 x Full-size PCI Express Mini Card slot with SIM	
Touchscreen	Projected capacitive multi-touch	
Power Supply	DC version: 24 VDC	
Power Consumption	72W	
Dimensions	396.8 mm (15.62") (W) x 59.0 mm (2.3") (D) x 247.1 mm (9.73") (H)	
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)	
Weight (net/gross)	4.5 kg (9.9 lb)/6.5 kg (14.3 lb)	
Operating Temperature	0°C to +50°C (+32°F to +122°F)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operation Vibration	1G, 10- 500 Hz, random for 2.5" SATA HDD	
Certifications	CE	

Ordering Information

GOT315WL-845-PCT-DC (P/N: E22B315101)	15.6" WXGA TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz processor, projected capacitive multi-touch screen, and 24 VDC terminal block connector *Other configuration by request
---------------------------------------	---

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT315WL-845
1 x Phoenix connector
1 x Panel mount kit

Optional Accessories

4G LTE Kit

Wi-Fi kit

881231770A0E Wall mount kit

50966224010E Adaptor 24V/120W, wire only, FSP120-AAAN3

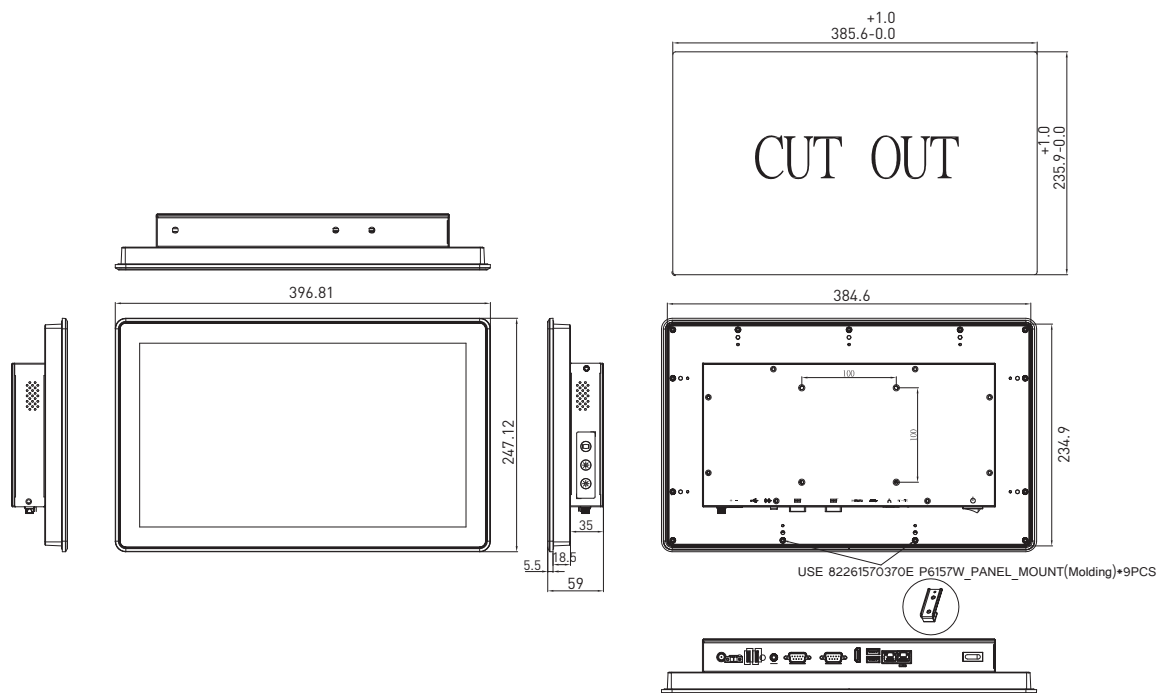
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

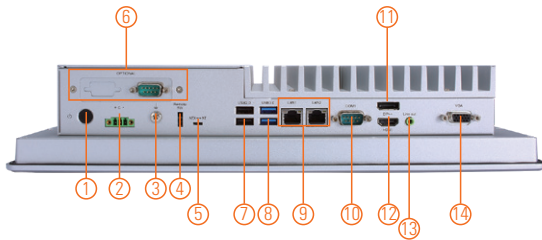
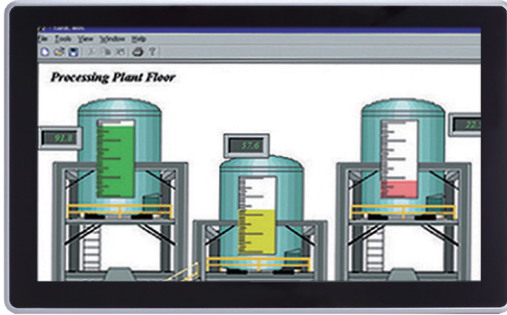
Windows® 10

Dimensions



GOT318W-521

18.5" FHD TFT Multi-touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)



- | | |
|--|--------------------------------|
| 1. Power button | 8. 2 x USB 3.0 |
| 2. Phoenix small type connector | 9. 2 x LAN |
| 3. Grounding hole | 10. 1 x COM for RS-232/422/485 |
| 4. Remote power switch | 11. 1 x DP |
| 5. AT/ATX switch | 12. 1 x HDMI |
| 6. Optional flexible I/O
(default 1 x RS-232) | 13. 1 x Line-out |
| 7. 2 x USB 2.0 | 14. 1 x VGA |

Features

- 18.5" FHD projected capacitive multi-touch or 5-wire resistive touch
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount



▲ Rear view

Introduction

The GOT318W-521 is a fanless panel PC with 18.5-inch FHD LCD and supports LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W). It also provides M.2 Key E and PCI Express Mini Card slots for add-on devices such like Wi-Fi module for factory automation and oil pipe monitoring system.

18.5-inch FHD LCD with PCT or Resistive Touch

The 18.5" FHD touch panel PC supports 500 nits brightness to display contents in FHD resolution. With projected capacitive multi-touch screen or 5-wire resistive touch, users can operate the device directly and friendly. The touch glass surface is up to 3H for anti-scratch purpose.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" FHD TFT LCD
	Brightness (cd/m ²)	500 nits
	Resolution	1920 x 1080
Main System	CPU	LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
	Chipset	Intel® H310
	System Memory	1 x 260-pin DDR4-2666/2400 SO-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA 1 x 2.5" SATA HDD/SSD (7 mm and 9.5 mm height; removable)
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Intel® integrated Gfx graphic engine

I/O Connector	1 x 9-pin D-sub Male for RS-232 1 x COM for RS232/422/485 2 x RJ-45 GbE 2 x USB 3.0, 2 x USB 2.0 1 x Phoenix type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-out 1 x HDMI 1 x DP 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole (DC version)
TPM	TPM 2.0
Expansion Interface	1 x Full-size PCI-Express Mini Card slot (PCIe + SATA + USB) 1 x M.2 Key E 2230 (for Wi-Fi)
Touchscreen	Projected capacitive multi-touch 5-wire resistive touch
Power Supply	+12V/+19V/+24VDC 1x terminal block
Power Consumption	120W
Dimensions	460.8 mm (18.11") (W) x 77 mm (3.04") (D) x 285 mm (11.22") (H)
Packing Dimensions	605 mm (23.81") (W) x 200 mm (7.87") (D) x 505 mm (19.88") (H)
Weight (net/gross)	7.8kg (17.2lb)/10.2kg (22.5lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	20% to 90% @ +40°C; non-condensing
Operation Vibration	1G, 10- 500 Hz, random for 2.5" SATA HDD
Certifications	CE, EN 61000-6-2, EN 61000-6-4

Ordering Information

GOT318W-521-PCT-DC (P/N: E22B318104)	18.5" FHD TFT fanless touch panel computer support LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), projected capacitive multi-touch screen, and 24 VDC terminal block with small Phoenix connector
GOT318W-521-R-DC (P/N: E22B318105)	18.5" FHD TFT fanless touch panel computer supports LGA1151 9th/8th gen Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), 5-wire resistive touch screen, and 24 VDC terminal block with small Phoenix connector

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT318WL-521
1 x Phoenix connector
1 x Panel mount kit

Optional Accessories

4G LTE Kit

Wi-Fi kit

881231770A0E Wall mount kit

50966224010E Adaptor 24V/120W, wire only, FSP120-AAAN3

594K6220210E Remote power cable, L= 720 mm

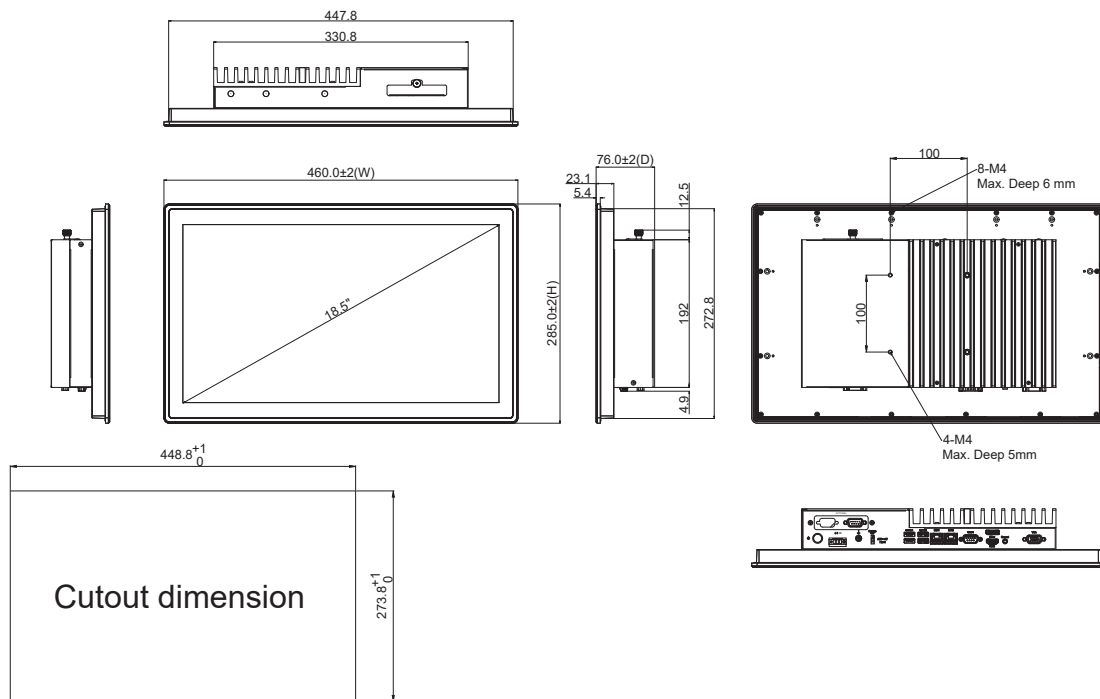
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

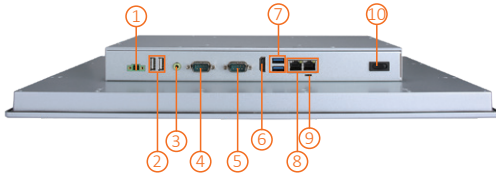
Windows® 10

Dimensions



GOT318WL-845

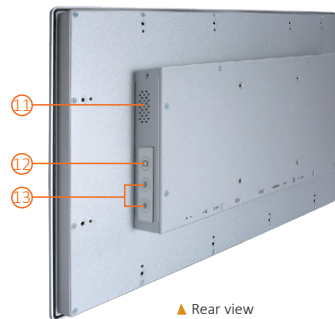
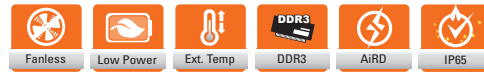
18.5" WXGA TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710



- | | |
|--------------------------------------|-----------------------------|
| 1. Terminal block for DC power input | 8. 2 x LAN |
| 2. 2 x USB 2.0 | 9. AT/ATX selectable switch |
| 3. 1 x Line-out | 10. Power switch (ATX) |
| 4. 1 x RS-232/422/485 | 11. Speakers |
| 5. 1 x RS-232 | 12. Backlight switch |
| 6. 1 x HDMI | 13. Brightness adjust +/- |
| 7. 2 x USB 3.0 | |

Features

- 18.5" WXGA multi-touch projected capacitive widescreen or flat resistive touch (optional)
- Fanless design with Intel® Pentium® processor N3710
- 2.5" SATA HDD and mSATA
- 3G, WLAN module and antennas (optional)
- 2 GbE LANs, 2 USB 3.0, 2 USB 2.0 and 2 COM
- IP65-rated aluminum front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- Adjustable RS-232/422/485 setting via BIOS



▲ Rear view

Introduction

The GOT318WL-845 adopts an 18.5-inch WXGA LCD and supports low power Intel® Pentium® processor N3710. It also provides two PCI Express Mini Card slots for 3G, wireless network connectivity. This 18.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

18.5-inch WXGA LCD with Projected Capacitive Multi-touch

The 18.5" WXGA touch panel PC supports 250 nits brightness, able to display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The hardness of touch glass surface is up to 7h for anti-scratch purpose.

WLAN Antenna Supported (optional)

The GOT318WL-845 provides two PCI Express Mini Card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Pentium® processor N3710 4C @ 1.6 GHz (Braswell)
	Chipset	SoC integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics
I/O Connector	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	
TPM	N/A	
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM	
Touchscreen	Projected capacitive multi-touch/5-wire flat resistive touch (optional)	
Power Supply	DC version: 24 VDC	
Power Consumption	48W	
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D) x 285 mm (11.22") (H)	
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D) x 500 mm (19.68") (H)	
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	
Operating Temperature	0°C to +50°C (+32°F to +122°F)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operation Vibration	1G, 10- 500 Hz, random for 2.5" SATA HDD	
Certifications	CE	

Ordering Information

GOT318WL-845-FR-DC (P/N: E22B318102)	18.5" WXGA TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz processor, 5-wire resistive screen and 24 VDC terminal block connector
GOT318WL-845-PCT-DC (P/N: E22B318100)	18.5" WXGA TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz processor, projected capacitive multi-touch screen and 24 VDC terminal block connector

*Other configuration by request

*Specification and certifications may vary based on different requirements

Packing List

1 x GOT318WL-845
1 x Phoenix connector
1 x Panel mount kit

Optional Accessories

4G LTE Kit

Wi-Fi kit

881231770AOE Wall mount kit

50966224010E Adaptor 24V/120W, wire only, FSP120-AAAN3

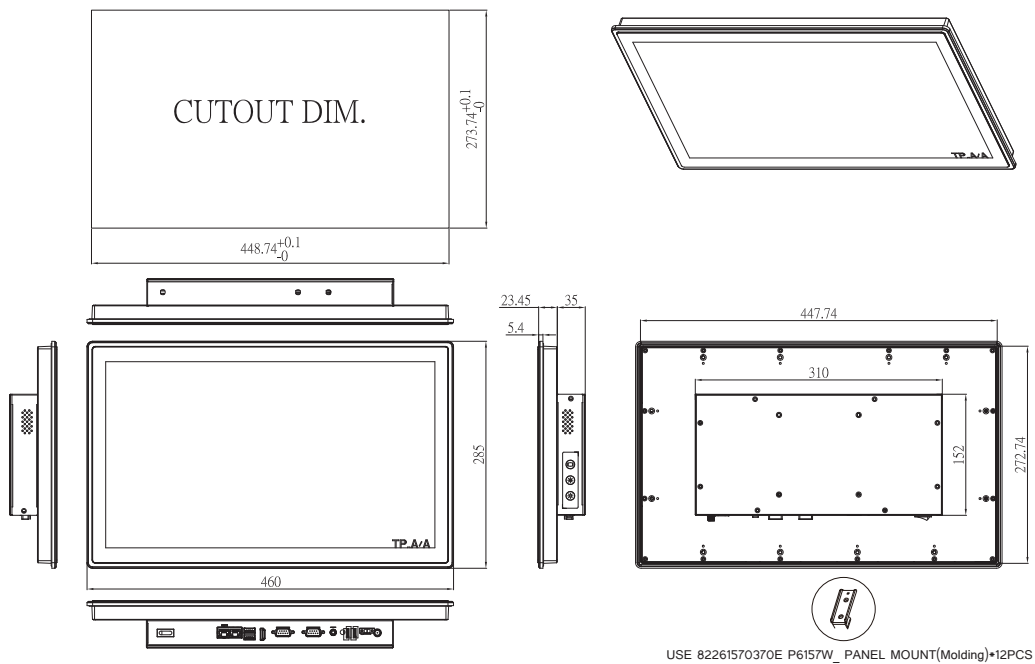
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

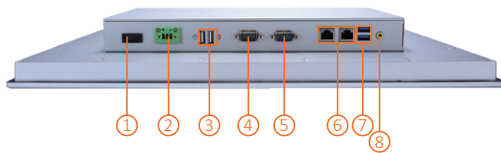
Windows® 10

Dimensions



GOT3187WL-834

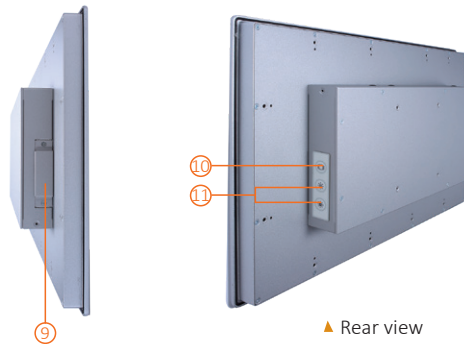
18.5" WXGA/FHD TFT Multi-touch Panel Computer with Intel® Celeron® Processor J1900



- | | |
|--------------------------------------|---------------------------|
| 1. Power switch | 7. 2 x USB 3.0 |
| 2. Terminal block for DC power input | 8. Audio (Line-out) |
| 3. 2 x USB 2.0 | 9. CFast™ slot |
| 4. COM 1 (RS-232/422/485) | 10. Backlight switch |
| 5. COM 2 (RS-232/422/485) | 11. Brightness adjustment |
| 6. 2 x Ethernet | |

Features

- 18.5" projected capacitive multi-touch wide screen
- Resolution up to FHD
- Fanless design with Intel® Celeron® Processor J1900
- 2.5" SATA HDD and CFast™ or mSATA
- 3G, WLAN module and antennas (optional)
- 2 GbE LANs, 2 USB 3.0, 2 USB 2.0 and 2 COM
- IP65 aluminum front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- Adjust RS-232/422/485 setting via BIOS



Introduction

The GOT3187WL-834-PCT adopts an 18.5-inch WXGA/FHD LCD and supports Intel® Bay Trail-D processor. The Lite rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides two PCI Express Mini card slots for 3G, wireless network connectivity. This 18.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

18.5-inch LCD with Projected Capacitive Multi-touch

The 18.5" WXGA/FHD touch panel PC supports 250/500 nits brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The hardness of touch glass surface is up to 7h for anti-scratch purpose.

WLAN Antenna Supported (optional)

The IP65-rated industrial panel PC, GOT3187WL-834-PCT, provides two PCI Express Mini card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD 18.5" FHD TFT LCD
	Brightness (cd/m ²)	250 nits (WXGA) 500 nits (FHD)
	Resolution	1366 x 768 1920 x 1080

Main System	CPU	Intel® Celeron® processor J1900 4C @ 2.0 GHz
	Chipset	SoC Intergrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (7 mm and 9.5 mm height) 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics
I/O Connector	2 x RS-232/422/485 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210-IT)	
TPM	N/A	
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM	
Touchscreen	Projected capacitive multi-touch	
Power Supply	DC version: 9 to 36 VDC AC version: 12 VDC 60W adapter (WXGA version) AC version: 12 VDC 84W adapter (FHD version)	
Power Consumption	49W (WXGA) 60W (FHD)	
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D) x 285 mm (11.22") (H)	
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D) x 500 mm (19.68") (H)	
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operation Vibration	2G, 10- 500Hz, random for CFast™	
Certificate	CE	

Ordering Information

GOT3187WL-834-PCT-FHD-DC (P/N: E223187109)	18.5" FHD TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen and 12 to 36 VDC terminal block connector
GOT3187WL-834-PCT-J (P/N: E223187106)	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen and AC-DC 12 VDC power adapter (screw type connector)
GOT3187WL-834-PCT-DC (P/N: E223187107)	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen and 9 to 36 VDC terminal block connector

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT3187W-834
1 x Adapter (AC Version)
1 x Phoenix connector (DC Version)
1 x Panel mount kit set

Optional Accessories

Wi-Fi kit

881231770A0E Wall mount kit

Optional EOS Installation

WE8S

WES 7

Windows® 10 IoT Enterprise

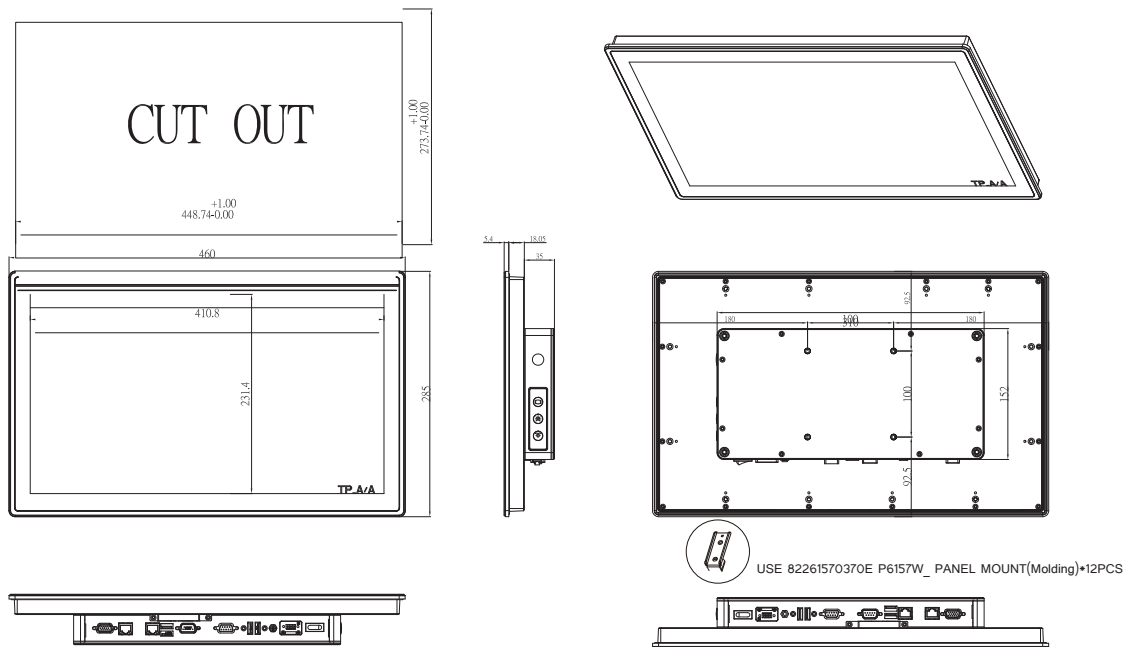
Optional OS Installation

Windows® 7

Windows® 8.1

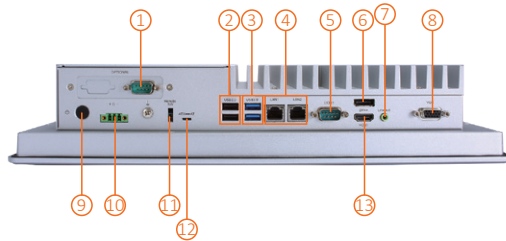
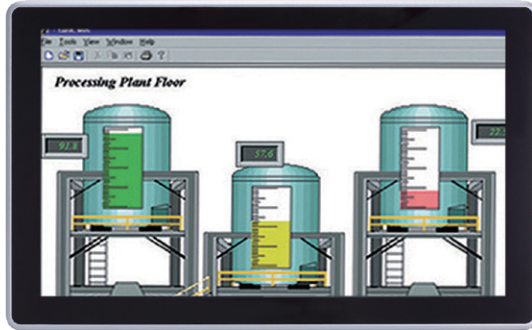
Windows® 10

Dimensions



GOT321W-521

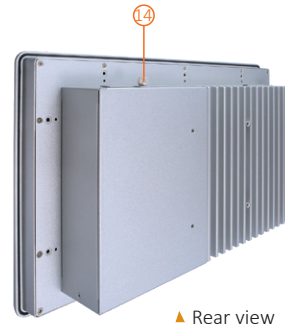
21.5" FHD TFT Expandable Touch Panel Computer with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® Processor (up to 35W)



- | | |
|--------------------|---------------------------------------|
| 1. 1 x COM (cable) | 8. 1 x VGA |
| 2. 2 x USB 2.0 | 9. Power button (ATX) |
| 3. 2 x USB 3.0 | 10. Terminal block for DC power input |
| 4. 2 x LAN | 11. Remote power switch |
| 5. 1 x COM | 12. AT/ATX selectable switch |
| 6. 1 x DisplayPort | 13. 1 x HDMI |
| 7. 1 x Line-out | 14. Swappable HDD |

Features

- 21.5" FHD 10-point multi-touch projected capacitive widescreen or 5-wire resistive touch
- Fanless design with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor
- Supports WLAN module and antenna (optional)
- 2.5" SATA HDD/SSD
- 2 LAN, 4 USB, 2 COM, 1 HDMI, 1 DisplayPort, and 1 VGA
- IP65-rated aluminum front bezel
- Supports panel mount, VESA mount, and wall mount



Introduction

The GOT321W-521 is a fanless panel PC with 21.5-inch FHD LCD and supports LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W). It also provides M.2 Key E and PCI-Express Mini Card slots for add-on devices (e.g. Wi-Fi module) for factory automation and oil pipe monitoring system.

21.5-inch FHD LCD with PCT or Resistive Touch

The GOT321W-521 supports 250 nits brightness with FHD resolution. Equipped with projected capacitive multi-touch screen or 5-wire resistive touch, the GOT321W-521 is user-friendly for operators. The touch glass surface is also up to 3H for anti scratch.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	21.5" FHD TFT
	Brightness	250 nits
	Resolution	1920 x 1080 pixels
	Viewing Angle	178°/178°

Main System	CPU	LGA1151 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W)
	Chipset	Intel® H310
	System Memory	1 x 260-pin DDR4-2666/2400 SO-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA 1 x 2.5" SATA HDD/SSD (7 mm and 9.5 mm height; removable)
	Drive	N/A
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Intel® integrated Gfx graphic engine
IO Connector	1 x 9-pin D-sub Male for RS-232 1 x RS-232/422/485 2 x RJ-45 GbE LAN 2 x USB 3.0 2 x USB 2.0 1 x Phoenix-type connector for DC power input 1 x Switch for power on/off (ATX) 1 x Line-out 1 x HDMI 1.4b 1 x DisplayPort v1.2 (DisplayPort++) 1 x VGA 1 x Remote power switch 1 x AT/ATX switch (DC type only) 1 x Grounding hole (DC Version)	
TPM	TPM 2.0	
Expansion Interface	1 x Full-size PCI-Express Mini Card slot (PCIe + SATA + USB) 1 x M.2 Key E 2230 (for Wi-Fi)	
Touchscreen	10-point projected capacitive multi-touch 5-wire flat resistive touch	
Power Supply	+12V/+19V/+24VDC 1 x terminal block	
Power Consumption	105W	
Dimensions	547.59 mm (21.56") (W) x 75.6 mm (2.98") (D) x 339.05 mm (13.49") (H)	
Packing Dimensions	720 mm (28.34") (W) x 210 mm (8.27") (D) x 550 mm (2.17") (H)	
Weight (net/gross)	8.4 kg (18.5 lb)/11.3 kg (24.9 lb)	
Operating Temperature	0°C to +50°C (+32°F to +122°F)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operating Vibration	1.0G, 5- 500Hz, random	
Certifications	CE	

Ordering Information

GOT321W-521-C-DC (P/N: E22B321105)	21.5" FHD TFT fanless touch panel computer with LGA1151 socket 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), projected capacitive multitouch screen, and 24 VDC terminal block with small Phoenix connector
GOT321W-521-R-DC (P/N: E22B321106)	21.5" FHD TFT fanless touch panel computer with LGA1151 socket 9th/8th gen Intel® Core™ i7/i5/i3, Intel® Pentium® Gold or Intel® Celeron® processor (up to 35W), resistive touch screen, and 24 VDC terminal block with small Phoenix connector

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT321W-521
1 x Phoenix connector
1 x Panel mount kit

Optional Accessories

Wi-Fi kit

881231770A0E	Wall mount kit
50966224010E	Adaptor 24V/120W, wire only, FSP120-AAAN3
594K6220210E	Remote power cable, L=720mm

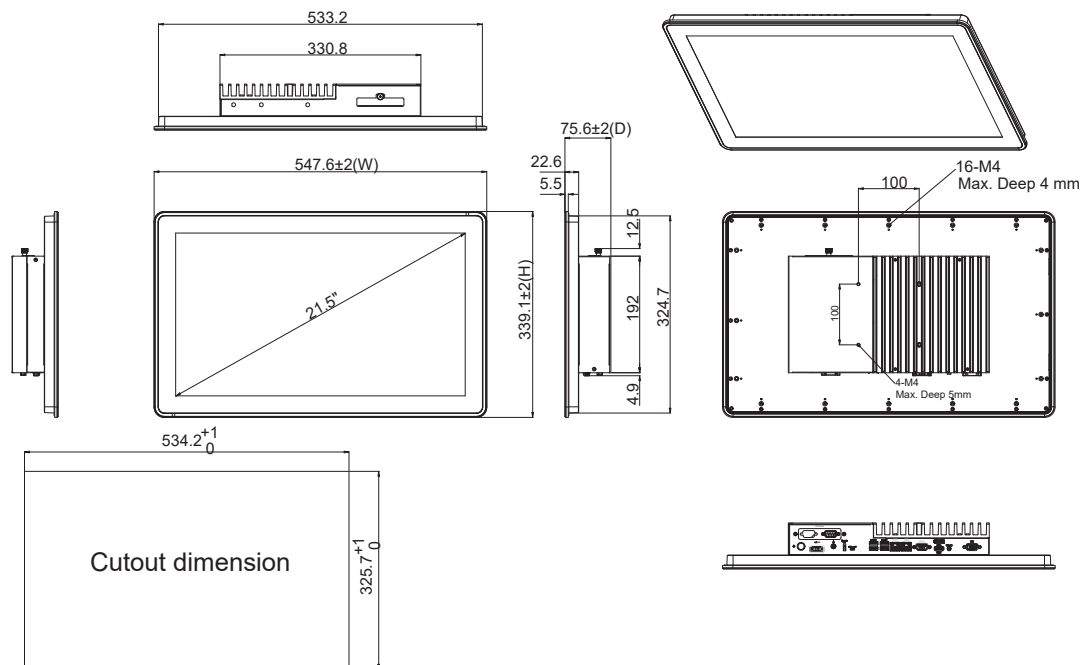
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 10

Dimensions



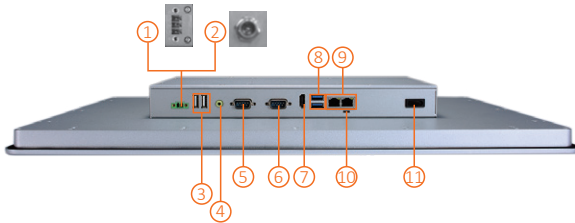
GOT3217WL-845-PCT

21.5" FHD TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710

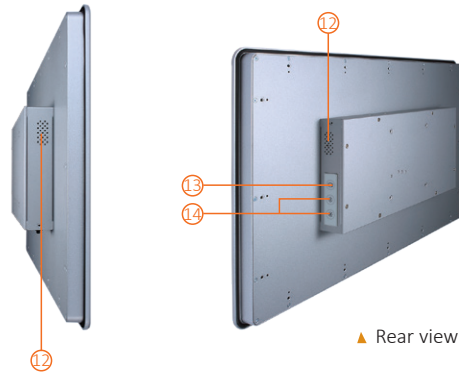


Features

- 21.5" FHD 10-point multi-touch projected capacitive widescreen
- Fanless design with Intel® Pentium® processor N3710
- 2.5" SATA HDD and mSATA
- 3G, WLAN module and antennas (optional)
- 2 GbE LANs, 2 USB 3.0, 2 USB 2.0 and 2 COM
- IP65-rated aluminum front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- Adjustable RS-232/422/485 setting via BIOS



- | | |
|---|------------------------------|
| 1. Terminal block for DC power input or | 8. 2 x USB 3.0 |
| 2. Screw conn. w/ AC power adapter | 9. 2 x LAN |
| 3. 2 x USB 2.0 | 10. AT/ATX selectable switch |
| 4. 1 x Line-out | 11. Power Switch (ATX) |
| 5. 1 x RS-232/422/485 | 12. Speakers |
| 6. 1 x RS-232 | 13. Backlight switch |
| 7. 1 x HDMI | 14. Brightness adjust +/- |



Introduction

The GOT3217WL-845-PCT adopts a 21.5-inch FHD LCD and supports low power Intel® Pentium® processor N3710. It also provides two PCI Express Mini card slots for 3G, wireless network connectivity. This 21.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

21.5-inch FHD LCD with Projected Capacitive Multi-touch

The 21.5" FHD touch panel PC has a 21.5-inch FHD TFT LCD display with a 10-point multitouch screen and 250 nits of brightness. The hardness of touch glass surface is up to 7h for anti-scratch purpose.

WLAN Antenna Supported (optional)

The GOT3217WL-845-PCT provides two PCI Express Mini card slots and WLAN antennas for 4G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	21.5" FHD TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1920 x 1080
Main System	CPU	Intel® Pentium® processor N3710 4C @ 1.6 GHz (Braswell)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics
I/O Connector	1 x RS-232 1 x RS-232/422/485 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	
TPM	N/A	
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA 1 x Full-size PCI Express Mini Card slot with SIM	
Touchscreen	10-point projected capacitive multi-touch	
Power Supply	1. DC version: 24 VDC 2. AC version: 12 VDC 60W adapter	
Power Consumption	48 W	
Dimensions	547.6 mm (21.56") (W) x 58.5 mm (2.30") (D) x 339.0 mm (13.35") (H)	
Packing Dimensions	720 mm (28.34") (W) x 210 mm (8.27") (D) x 550 mm (2.17") (H)	
Weight (net/gross)	7.6 kg (16.8 lb)/10.5 kg (23.1 lb)	
Operating Temperature	0°C to +50°C (+32°F to +122°F)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operation Vibration	1G, 10- 500 Hz, random for 2.5" SATA HDD	
Certificate	CE	

Ordering Information

GOT3217WL-845-PCT-J (P/N: E223217101)	21.5" FHD TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz quad core processor, 10-point projected capacitive multi-touch screen and AC-DC 12 VDC power adapter (screw type connector)
GOT3217WL-845-PCT-DC (P/N: E223217102)	21.5" FHD TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz quad core processor, 10-point projected capacitive multi-touch screen and 24 VDC terminal block connector

* Other configuration by request

* Specification and certifications are based on requirements and may vary.

Packing List

1 x GOT3217WL-845-PCT
1 x Adapter (GOT3217WL-845-PCT-J)
1 x Phoenix connector (GOT3217WL-845-PCT-DC, 24 VDC)
1 x Panel mount kit

Optional Accessories

4G LTE kit

Wi-Fi kit

881231770A0E Wall mount kit

50966224010E Adaptor 24V/120W, wire only, FSP120-AAAN3 (for DC model)

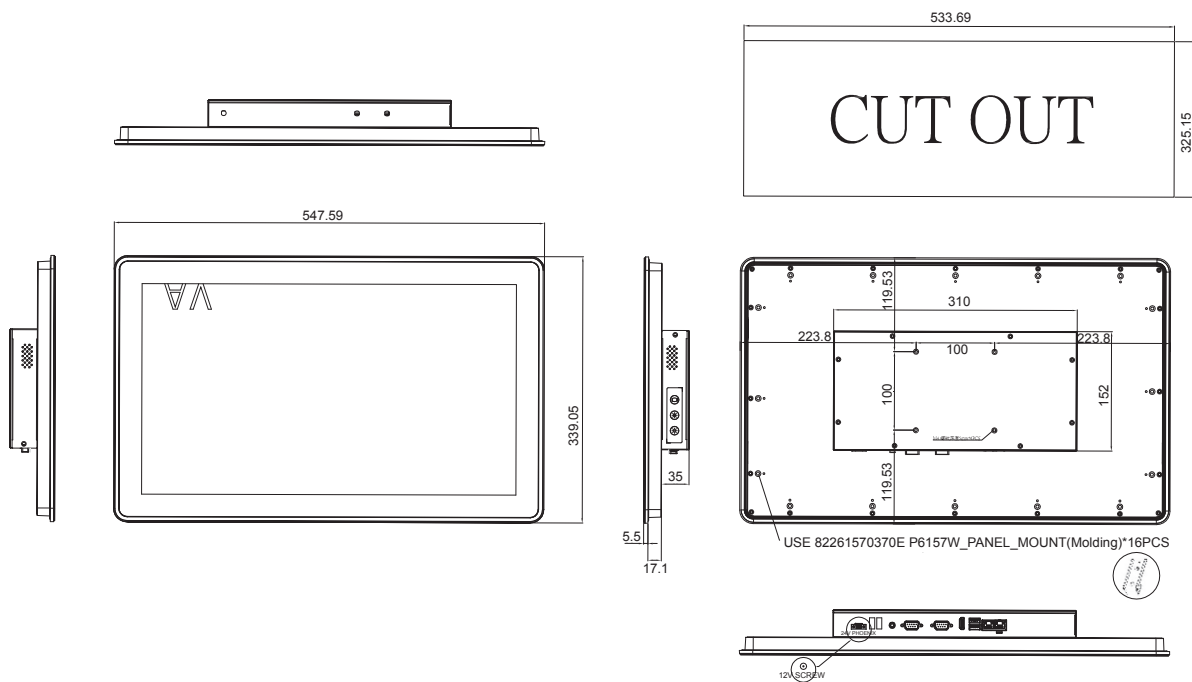
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 10

Dimensions



3

Stainless Touch Panel Computers

The GOT800 series is specifically designed for dusty or wet spaces in food factories or kitchen and low temperature environments such as cold storage warehouses. This product line provides an IP66-rated or IP69K-rated housing option, a sunlight readable display and a wide operating temperature range.

Selection Guide		55
NEW GOT810-316	10.4" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT Panel Computer with Intel® Celeron® N3350 and Flat Bezel Design (0°C to +50°C)	58
GOT810-845	10.4" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Celeron® N3060 and Flat Bezel Design (-10°C to +50°C)	61
GOT812W-511	12.1" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)	64
NEW GOT815A-TGL-WCD	15.6" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT Panel Computer with Intel® Core™ i5-1145G7E or Celeron® 6305E Processor and Flat Bezel Design (-20°C to +50°C)	65
GOR815-834	15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Atom® Processor E3827 and Flat Bezel Design (-20°C to +55°C)	70
GOT815L-511	15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)	73
GOT815W-511	15.6" FHD TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)	76
GOT817-834	17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Atom® Processor E3827 and Flat Bezel Design (-20°C to +55°C)	79
GOT817L-511	17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)	82

Industrial Panel PCs

Stainless Touch Panel Computers

Selection Guide



Features\Models	GOT810-316	GOT810-845	GOT812W-511
Display	10.4" XGA TFT LCD, 450nits	10.4" XGA TFT LCD, 350 nits	12.1" WXGA TFT LCD, 400nits
CPU Level	Intel® Celeron® processor N3350 2 cores (up to 2.4GHz)	Intel® Celeron® N3060 2C@1.6 GHz	Intel® Core™ i5-7300U 2.6GHz, up to 3.5 GHz (Kaby Lake)
Chipset	SoC intergrated	SoC intergrated	SoC intergrated
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x DDR3L 1333 MHz SO-DIMM, up to 8GB	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
I/O	1 x RS-232/422/485 (default RS-232, M12 A-coded) 1 x RS-232 (M12 A-coded) 2 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)	1 x RS-232/422/485 (default RS-232, M12 A-coded) 1 x RS-232 (M12 A-coded) 2 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)
Storage	1 x mSATA 1 x 2.5" SATA HDD	1 x mSATA 1 x SATA	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD
Expansion Interface	1 x Full-size mPCIe Card slot w/ mSATA 1 x Full-size mPCIe Card slot w/ SIM	2 x mPCIe Card slot	1 x Full-size mPCIe Card slot 1 x Half-size mPCIe Card slot
Touchscreen	Projected capacitive touch	5-wire resistive type or projected capacitive touch	Projected capacitive touch
Operating System	OS: Windows® 10	EOS: WES 7, WE8S OS: Windows® 7/ 8/8.1/10	EOS: Windows® 10 IoT OS: Windows® 10
Power Supply	12 VDC or 19 to 24 VD	9 to 36 VDC	9 to 36 VDC
Power Consumption	36W	29W	56.5W
Watchdog Timer	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Front Bezel	Stainless steel with IP66/IP69K protection	Stainless steel with IP66/IP69K protection	Stainless steel with IP66/IP69K protection
Dimensions (W x D x H)	283.1 x 55.2 x 239.5 mm (11.15" x 2.17" x 9.43")	284 x 56 x 241 mm (11.2" x 2.2" x 9.49")	332 x 55 x 234 mm (13.07" x 2.2" x 9.21")
Weight (net/gross)	3.47 kg (7.65 lb)/5.18 kg (11.42 lb)	2.8 kg (6.17 lb)/4 kg (8.82 lb)	4.55 kg (10.03 lb)/6 kg (13.22 lb)
Operating Temperature	0°C to +50°C (32°F to +122°F)	-10°C to +50°C (14°F to +122°F)	-20°C to +50°C (-4°F to +122°F)
Mounting	VESA mount	VESA mount	VESA mount
Certifications	CE	CE	CE

Stainless Touch Panel Computers

Selection Guide

NEW



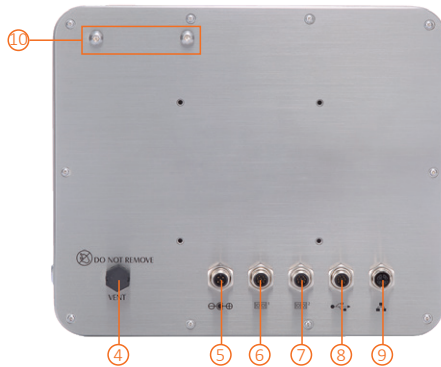
Features\Models	GOT815A-TGL-WCD	GOT815-834	GOT815L-511
Display	15.6" WXGA TFT LCD, 400nits	15" XGA TFT, 420 nits	15" XGA TFT LCD, 420 nits
CPU Level	Intel® Core™ i5-1145G7E 2.6 GHz or Celeron® 6305E1.8 GHz (Tiger Lake)	Intel Atom® E3827 1.75 GHz	Intel® Core™ i5-7300U 3.5 GHz (Kaby Lake)
Chipset	SoC integrated	SoC integrated	SoC integrated
System Memory	1 x 260-pin DDR4-3200 SO-DIMM, up to 32GB	1 x 204-pin DDR3L-1333 SO-DIMM, up to 8GB	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
I/O	2 x RS-232/422/485 (default RS-232, (M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 2.5GBASE-T Ethernet with Intel® I225 (TSN and A-coded) 1 x DC power connector (M12)	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12, A-coded) 1 x 10/100/1000 Mbps Ethernet (M12, X-coded) 1 x DC power connector (M12)	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)
Storage	1 x 2.5" SATA SSD/HDD	1 x 2.5" SSD 1 x CFast™	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD
Expansion Interface	1 x M.2 Key E slot (PCIe x1 and USB 2.0 supported), dimensions: 22 x 30 mm	2 x mPCIe Card slot	1 x Full-size mPCIe Card slot 1 x Half-size mPCIe Card slot
Touchscreen	Projected capacitive touch	5-wire resistive type or projected capacitive touch	5-wire resistive touch or projected capacitive multi-touch
Operating System	EOS: Windows® 10 IoT/11 IoT OS: Windows® 10/11 and Linux	EOS: WES 7, WE8S OS: Windows® 7/8/8.1/10	EOS: Windows® 10 IoT OS: Windows® 10
Power Supply	12 to 24 VDC	9 to 36 VDC	9 to 36 VDC
Power Consumption	72W	30W	45W
Watchdog Timer	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Front Bezel	Stainless steel with IP66/IP69K protection	Stainless steel with IP66/IP69K protection	Stainless steel with IP66/IP69K protection
Dimensions (W x D x H)	414.8 x 55 x 265.1 mm (16.33" x 2.2" x 10.44")	382 x 55 x 305 mm (15.4" x 2.2" x 12.01")	382 x 55 x 305 mm (15.4" x 2.17" x 12.01")
Weight (net/gross)	5.8 kg (12.78lb)/8.8 kg (19.40lb)	6.94 kg (15.3 lb)/10.2 kg (22.5 lb)	5.2 kg (11.46 lb)/8.4 kg (18.5 lb)
Operating Temperature	-20°C to +50°C (-4°F to +122°F)	-20°C to +50°C (-4°F to +122°F)	-20°C to +50°C (-4°F to +122°F)
Mounting	VESA mount	VESA mount	VESA mount
Certifications	CE, FCC	CE	CE



Features\Models	GOT815W-511	GOT817-834	GOT817L-511
Display	15.6" FHD TFT LCD, 400nits	17" SXGA TFT, 350 nits	17" SXGA TFT LCD, 350 nits
CPU Level	Intel® Core™ i5-7300U 2.6GHz, up to 3.5 GHz (Kaby Lake)	Intel Atom® E3827 1.75 GHz	Intel® Core™ i5-7300U 3.5 GHz (Kaby Lake)
Chipset	SoC integrated	SoC integrated	SoC integrated
System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB	1 x 204-pin DDR3L-1333 SO-DIMM, up to 8GB	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
I/O	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)	2 x RS-232/422/485 (default RS-232, M12 A-coded) 4 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)
Storage	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD	1 x 2.5" SSD 1 x CFast™	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD
Expansion Interface	1 x Full-size mPCIe Card slot 1 x Half-size mPCIe Card slot	2 x mPCIe Card slot	1 x Full-size mPCIe Card slot 1 x Half-size mPCIe Card slot
Touchscreen	Projected capacitive touch	5-wire resistive type or projected capacitive touch	5-wire resistive touch or projected capacitive multi-touch
Operating System	EOS: Windows® 10 IoT OS: Windows® 10	EOS: WES 7, WE8S, Windows® 10 IoT OS: Windows® 7/8/8.1/10	EOS: Windows® 10 IoT OS: Windows® 10
Power Supply	9 to 36 VDC	12 to 36 VDC	9 to 36 VDC
Power Consumption	58.5W	50W	67.5W
Watchdog Timer	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Front Bezel	Stainless steel with IP66/IP69K protection	Stainless steel with IP66/IP69K protection	Stainless steel with IP66/IP69K protection
Dimensions (W x D x H)	414.8 x 55 x 265.1 mm (16.4" x 2.2" x 10.43")	415.92 x 54.96 x 348.34 mm (16.37" x 2.16" x 13.71")	415.92 x 55 x 348.34 mm (16.37" x 2.16" x 13.71")
Weight (net/gross)	6.3 kg (13.88 lb)/7.5 kg (16.53 lb)	7.04 kg (15.52 lb) /10.3 kg (22.71 lb)	6.94 Kg (15.3 lb) / 10.2 Kg (22.5 lb)
Operating Temperature	-20°C to +50°C (-4°F to +122°F)	-20°C to +55°C (-4°F to +131°F)	-20°C to +50°C (-4°F to +122°F)
Mounting	VESA mount	VESA mount	VESA mount
Certifications	CE	CE	CE

GOT810-316 NEW

10.4" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT Panel Computer with Intel® Celeron® N3350 and Flat Bezel Design (0°C to +50°C)



- | | |
|-----------------------|--|
| 1. Brightness adjust | 6. 1 x RS-232/422/485 (default RS-232) |
| 2. Backlight on/off | 7. 1 x RS-232 |
| 3. Power on/off | 8. 2 x USB 2.0 |
| 4. Ventilation valve | 9. 1 x Ethernet |
| 5. DC power connector | 10. 2 x Antenna opening |

Features

- 10.4" XGA TFT LCD flat bezel projected capacitive touch
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- 0°C to +50°C wide operating temperature range
- Fanless design with Intel® Celeron® N3350
- M12 type I/O connectors for harsh environments



▲ Side view

Introduction

The 10.4-inch GOT810-316 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder, and dust. It also supports a wide operating temperature range from 0°C to +50°C. This robust unit is specifically designed for food processing applications.

Full IP66 and IP69K Compliance

The GOT810-316 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT810-316 is qualified to meet harsh-environment applications.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	10.4" XGA TFT LCD
	Brightness (cd/m ²)	450 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	170°/170°
Main System	CPU	Intel® Celeron® processor N3350 2 cores (up to 2.4GHz)
	Chipset	SoC integrated
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x mSATA
		1 x 2.5" SATA HDD (9.5 mm height)
	Watchdog Timer	255 levels, 1 to 255 sec.
Onboard Graphics	Integrated in Intel® GFX	
I/O Connector	1 x RS-232/422/485 (default RS-232, M12 A-coded)	
	1 x RS-232 (M12 A-coded)	
	2 x USB 2.0 (M12 A-coded)	
	1 x 10/100/1000 Mbps Ethernet (M12 X-coded)	
	1 x DC power connector (M12)	
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA	
	1 x Full-size PCI Express Mini Card slot with SIM	
Touchscreen	Projected capacitive multi-touch	
Power Input	DC connector: 12 VDC or 19 to 24 VDC in cable M12 female 5P	
Power Consumption	36W	
Dimensions	283.1 mm (11.15") (W) x 239.5 mm (9.43") (H) x 55.2 mm (2.17") (D)	
Packing Dimensions	415 mm (16.34") (W) x 315 mm (12.4") (H) x 100 mm (3.94") (D)	
Weight (net/gross)	3.47 kg (7.65 lb)/5.18kg (11.42 lb)	
Operating Temperature	0°C to +50°C (32°F to +122°F)	
Relative Humidity	20%- 90% @40°C; non-condensing	
Operation Vibration	2G, 5- 500Hz, random for SSD	
Certifications	CE	

Ordering Information

GOT810-316-C (P/N: E22B810107)	10.4" IP66 & IP69K stainless steel touch panel computer with projected capacitive touch, Intel® Celeron® N3350, XGA 450 nits LCD, and water-proof power cable (1.8 m)
-----------------------------------	---

Packing List

1 x GOT810-316
1 x DC in cable M12 female 5P

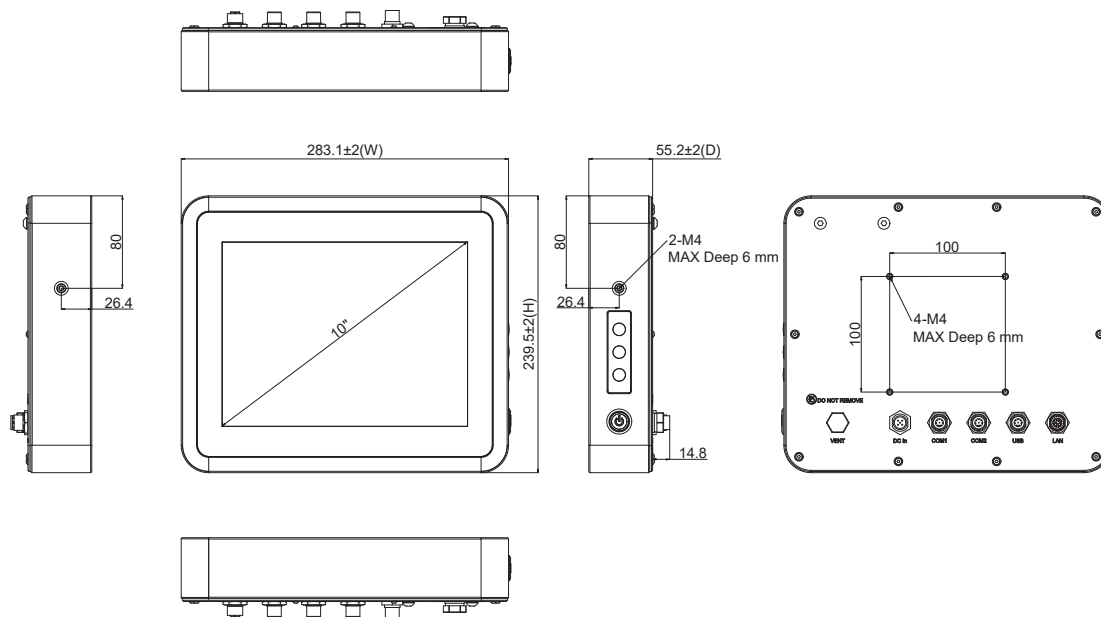
Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8122820E	USB cable M12-8P-F/2 x type A (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
509000002200	Adapter 24V 90W, M12 A-code 5P
594B8120B30E	DC in cable M12 female 5P 180cm w/o ACC

Optional OS Installation

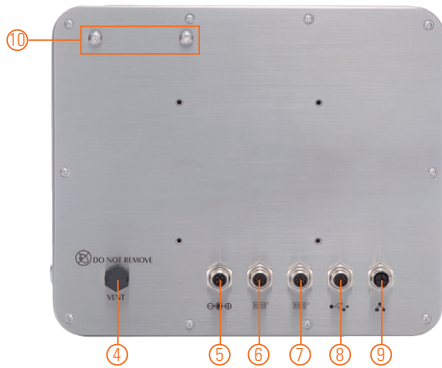
Windows® 10

Dimensions



GOT810-845

10.4" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Celeron® N3060 and Flat Bezel Design (-10°C to +50°C)



- | | |
|-----------------------|--|
| 1. Backlight on/off | 6. 1 x RS-232/422/485 (default RS-232) |
| 2. Brightness adjust | 7. 1 x RS-232 |
| 3. Power on/off | 8. 2 x USB 2.0 |
| 4. Ventilation valve | 9. 1 x Ethernet |
| 5. DC power connector | 10. 2 x Antenna opening |

Features

- 10.4" XGA TFT LCD flat bezel projected capacitive (or resistive) touch
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -10°C to +50°C wide operating temperature range
- Fanless system with Intel® Celeron® N3060
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- M12 type I/O connectors for harsh environments



▲ Side view

Introduction

The 10.4-inch GOT810-845 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -10°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Compliance

The GOT810-845 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT810-845 is qualified to meet harsh environment applications.

Wide Temperature (-10°C to +50°C) & Anti-vibration (2G) Design

The GOT810-845 featuring fanless and noiseless design supports a wide operating temperature range from -10°C to +50°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	10.4" XGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Celeron® N3060 2C@1.6 GHz (up to 2.48 GHz)
	Chipset	SoC integrated
	System Memory	1 x DDR3L 1333 MHz SO-DIMM, up to 8GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x mSATA 1 x 2.5" SATA HDD (9.5 mm height)
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	1 x RS-232/422/485 (default RS-232, M12 A-coded) 1 x RS-232 (M12 A-coded) 2 x USB 2.0 (M12 A-coded) 1 x 10/100/1000 Mbps Ethernet (M12 X-coded) 1 x DC power connector (M12)	
Expansion Interface	2 x PCI Express Mini Card slot	
Touchscreen	5-wire resistive touch or projected capacitive multi-touch	
Power Input	9 to 36 VDC	
Power Consumption	29W	
Dimensions	284 mm (11.2") (W) x 56 mm (2.2") (D) x 241 mm (9.49") (H)	
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)	
Weight (net/gross)	2.8 kg (6.17 lb)/4 kg (8.82 lb)	
Operating Temperature	-10°C to +50°C (14°F to +122°F)	
Relative Humidity	20%- 90% @40°C; non-condensing	
Operation Vibration	2G/10- 500Hz/operation (SSD/mSATA, random)	
Certifications	CE	

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT810-845-R (P/N: E22B810101)	10.4" IP66 & IP69K stainless steel fanless touch panel computer with flat resistive touch, Intel® Celeron® N3060, XGA 350 nits LCD, water-proof power cable (1.8 m)
GOT810-845-C (P/N: E22B810102)	10.4" IP66 & IP69K stainless steel fanless touch panel computer with projected capacitive touch, Intel® Celeron® N3060, XGA 350 nits LCD, water-proof power cable (1.8 m)

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT810-845
1 x DC cable

Optional Accessories

Wi-Fi kit

594B8122100E	Water-proof COM cable (1.8 m)
594B8122820E	USB cable M12-8P-F/2 x type A (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
509000002200	Adapter 24V 90W, M12 A-code 5P

Optional EOS Installation

WES 7

WE8S

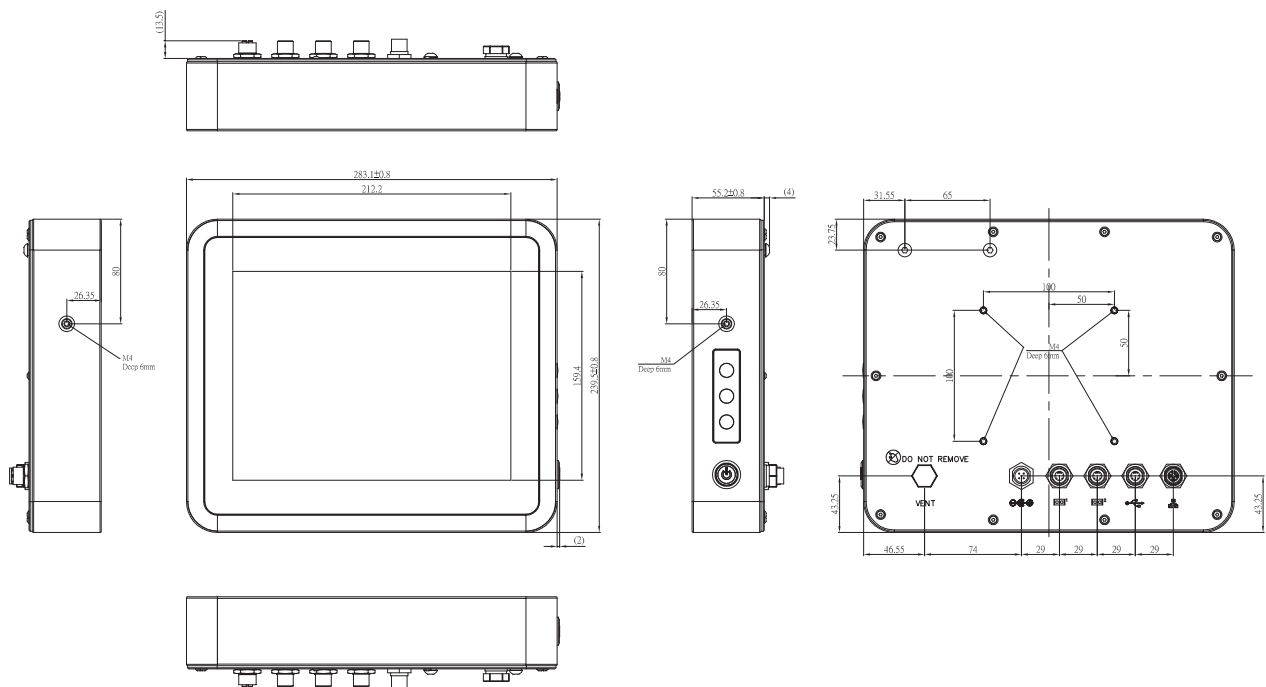
Optional OS Installation

Windows® 7

Windows® 8/8.1

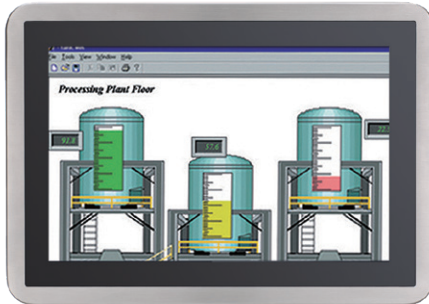
Windows® 10

Dimensions



GOT812W-511

12.1" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)



- | | |
|--------------------------|--|
| 1. Backlight on/off | 6. 1 x RS-232/422/485 (default RS-232) |
| 2. Brightness adjust +/- | 7. 1 x RS-232/422/485 (default RS-232) |
| 3. Power on/off | 8. 2 x USB 2.0 |
| 4. DC power connector | 9. 2 x USB 2.0 |
| 5. 1 x LAN | |

Features

- 12.1" TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with SUS 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-7300U processor
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- Supports VESA mount
- M12 type connectors for harsh environments



▲ Side view

Introduction

The 12.1-inch GOT812W-511 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Certified

The GOT812W-511 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT812W-511 is qualified to meet harsh environment applications.

Wide Temperature (-20°C to +50°C) & Anti-vibration (1G) Design

The GOT812W-511 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless steel (SUS) 316	
LCD Panel	Display Type	12.1" WXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1280 x 800
	Viewing Angle (H/V)	176°/176°
Main System	CPU	Intel® Core™ i5-7300U 2.6GHz, up to 3.5 GHz (Kaby Lake)
	Chipset	SoC integrated
	System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD (9.5 mm height)
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded)	
	4 x USB 2.0 (A-coded)	
	1 x 10/100/1000 Mbps Ethernet supporting PXE and LAN wake-up (Intel® I210-IT; X-coded)	
	1 x DC power connector (M12)	
Expansion Interface	1 x Full-size PCI Express Mini Card slot	
	1 x Half-size PCI Express Mini Card slot	
Touchscreen	5-wire resistive touch or projected capacitive multi-touch	
Power Input	9 to 36 VDC	
Power Consumption	56.5W	
Dimensions	332 mm (13.07") (W) x 55 mm (2.2") (D) x 234 mm (9.21) (H)	
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.71") (D) x 547 mm (21.54") (H)	
Weight (net/gross)	4.55 kgs (10.03 lb)/6 kgs (13.22 lb)	
Operating Temperature	-20°C to +50°C (-4°F to +122°F)	
Relative Humidity	10% - 95% @ +40°C, non-condensing	
Operation Vibration	1G, 5- 500Hz, random for 2.5" SSD	
Certifications	CE	

*W.T.: Wide temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT812W-511-C-DC (P/N: E22B812134)	12.1" WXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5-7300U, projected capacitive touch screen, 400 nits LCD, and 9 to 36 VDC power input
---------------------------------------	---

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT812W-511
1 x DC cable

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
594B8152820E	Water-proof USB cable (1.8 m)
509000002200	Adapter 24V 90W, M12 A-code 5P

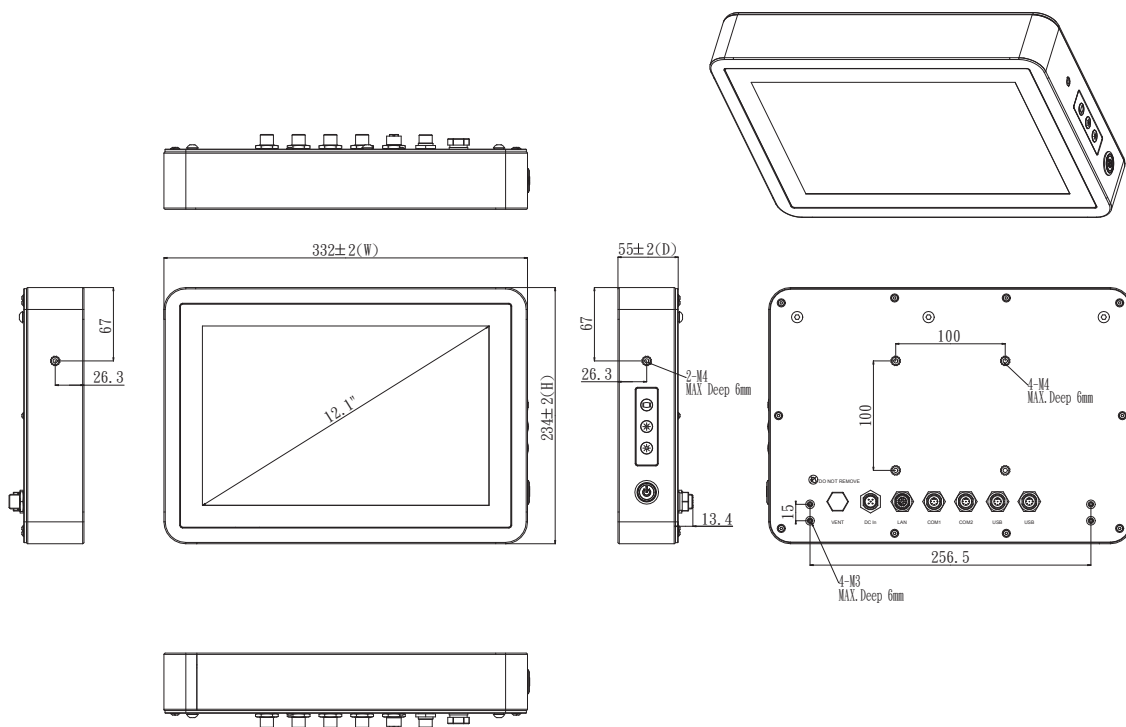
Optional EOS Installation

Windows® 10 IoT

Optional OS Installation

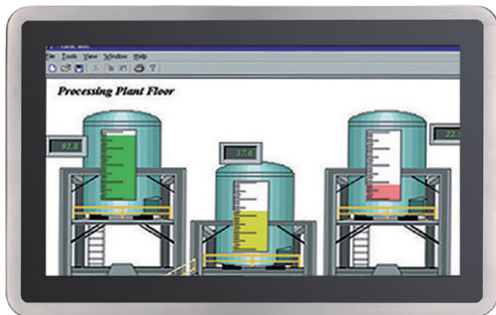
Windows® 10

Dimensions



GOT815A-TGL-WCD NEW

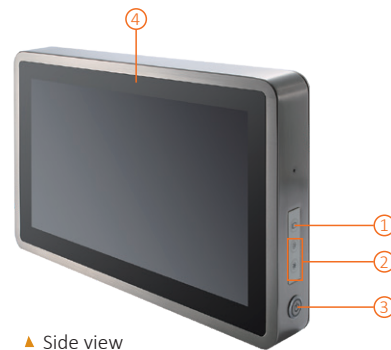
15.6" WXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT Panel Computer with Intel® Core™ i5-1145G7E or Celeron® 6305E Processor and Flat Bezel Design (-20°C to +50°C)



- | | |
|--|--|
| <ul style="list-style-type: none"> 1. Backlight on/off 2. Brightness settings +/- 3. Power on/off 4. Proximity and light sensors (optional) 5. DC power connector | <ul style="list-style-type: none"> 6. 1 x 2.5GbE LAN 7. 1 x RS-232/422/485 (default RS-232) 8. 1 x RS-232/422/485 (default RS-232) 9. 2 x USB 2.0 10. 2 x USB 2.0 |
|--|--|

Features

- 15.6" WXGA TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4) water/dust design
- Full stainless-steel enclosure with SUS 304
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-1145G7E or Celeron® 6305E processor
- Wi-Fi kit for wireless network connectivity (optional)
- Supports VESA mount
- M12-type connectors for harsh environments
- Supports proximity and light sensors (optional)



Introduction

The 15.6-inch GOT815A-TGL-WCD is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Certified

The GOT815A-TGL-WCD adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It was not only tested entire system IP66 by SGS and passed but also tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT815A-TGL-WCD is qualified to meet harsh-environment applications.

Wide Temperature (-20°C to +50°C) & Anti-vibration (1G) Design

The GOT815A-TGL-WCD featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures reliability and stability.

Specifications

Enclosure	Stainless steel (SUS) 304 or 316 (optional)	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1366 x 768
	Viewing Angle (H/V)	160°/140°
Main System	CPU	Intel® Core™ i5-1145G7E (Tiger Lake) 2.6 GHz or Celeron® 6305E 1.8 GHz
	Chipset	SoC integrated
	TPM	TPM 2.0 on board
	System Memory	1 x 260-pin DDR4-3200 SO-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA SSD/HDD (9.5mm height)
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated with Intel® Iris® Xe Graphics
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded)	
	4 x USB 2.0 (A-coded)	
	1 x 2.5GBase-T Ethernet with Intel® I225 (X-coded) supporting Wake-on-LAN and PXE Boot ROM	
	1 x DC power connector (M12 A-coded)	
Expansion Interface	1 x M.2 Key E slot (with PCIe x1 and USB 2.0 supported), dimensions: 22 x 30 mm	
Touchscreen	Projected capacitive multi-touch	
Power Input	12 to 24 VDC	
Power Consumption	72W	
Dimensions	414.8 mm (16.33") (W) x 55 mm (2.2") (D) x 265.1 mm (10.44") (H)	
Packing Dimensions	535 mm (21.06") (W) x 196 mm (7.72") (D) x 485 mm (19.09") (H)	
Weight (net/gross)	5.8 kg (12.78lb)/8.8 kg (19.40lb)	
Operating Temperature	-20°C to +50°C (-4°F to +122°F)	
Relative Humidity	10% - 95% @ +40°C, non-condensing	
Operation Vibration	1G, 5 - 500Hz, random for 2.5" SSD	
Certifications	CE/FCC certified	
	C1D2 (optional)	

*W.T.: Wide temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT815A-TGL-WCD (P/N: E22B815A00)	15.6" WXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5-1145G7E, projected capacitive touch screen, 400 nits LCD, and 12 to 24 VDC power input
--------------------------------------	--

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT815A-TGL-WCD
1 x DC cable

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B7102700E	Water-proof LAN cable (1.8 m)
594B8152820E	Water-proof USB cable (1.8 m)
509000002200	Adapter 24V 90W, M12 A-code 5P

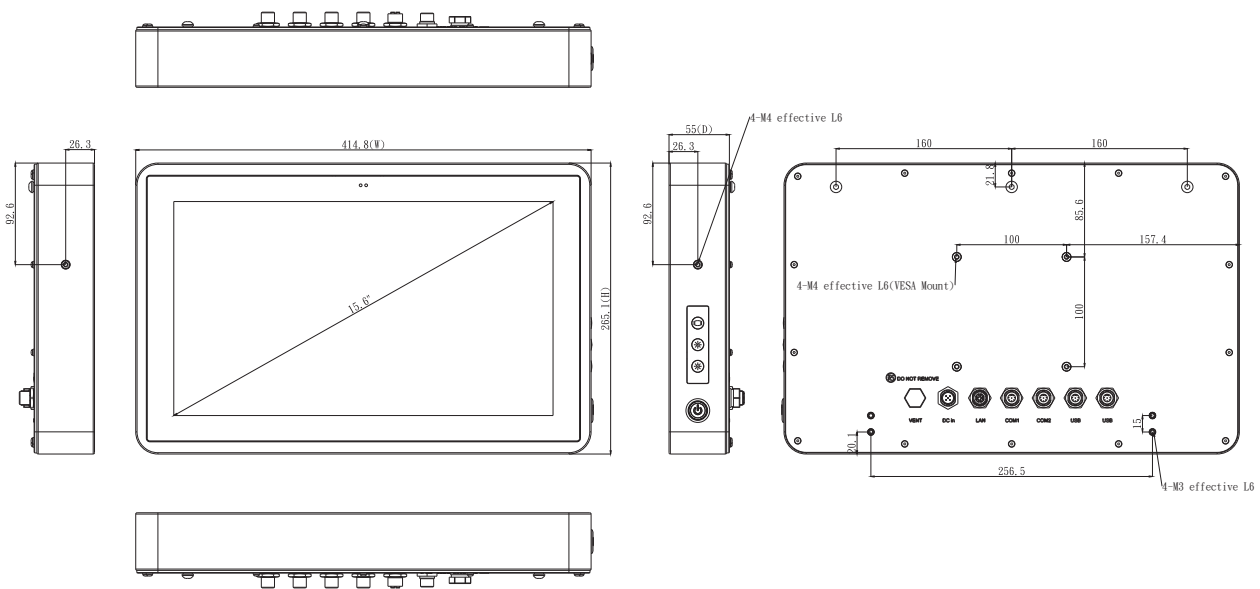
Optional EOS Installation

Windows® 10 IoT, Windows® 11 IoT

Optional OS Installation

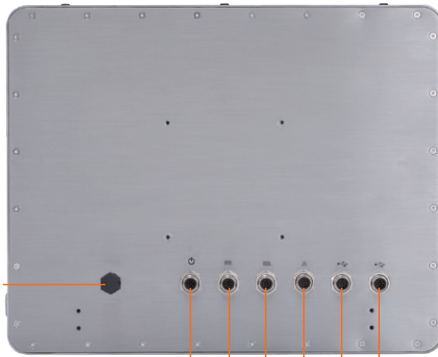
Windows® 10, Windows® 11 and Linux

Dimensions



GOT815-834

15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel Atom® Processor E3827 and Flat Bezel Design (-20°C to +55°C)



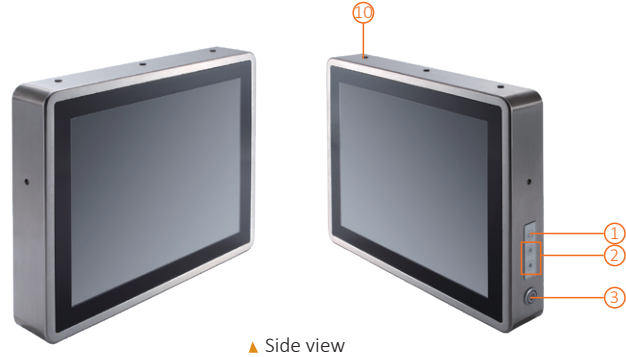
waterproof, dust proof ventilation valve

④ ⑤ ⑥ ⑦ ⑧ ⑨

- | | |
|-----------------------|--|
| 1. Backlight switch | 6. 1 x RS-232/422/485 |
| 2. Brightness adjust | 7. 1 x LAN |
| 3. Power on/off | 8. 2 x USB 2.0 |
| 4. DC power connector | 9. 2 x USB 2.0 |
| 5. 1 x RS-232/422/485 | 10. 3 x Wi-Fi/3G antenna (optional, only for RF version) |

Features

- 15" XGA TFT LCD flat bezel projected capacitive (or resistive) touch
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +55°C wide operating temperature range
- Fanless system with Intel® Atom® processor E3827
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- M12 type I/O connectors for harsh environments



▲ Side view

Introduction

The 15-inch GOT815-834 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +55°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Compliance

The GOT815-834 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT815-834 is qualified to meet harsh environment applications.

Wide Temperature (-20°C to +55°C) & Anti-vibration (2G)

The GOT815-834 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +55°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness (cd/m ²)	420 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel Atom® processor E3827 1.75 GHz (Bay Trail)
	Chipset	SoC integrated
	System Memory	1 x 204-pin DDR3L-1333 SO-DIMM dual channel, up to 8GB
	BIOS	AMI with Axiomtek standard features, such as SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CFast™
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet (X-coded) 1 x DC power connector (M12)	
Expansion Interface	2 x PCI Express Mini Card slot	
Touchscreen	5-wire resistive touch or projected capacitive multi-touch	
Power Input	9 to 36 VDC	
Power Consumption	30W	
Dimensions	382 mm (15.4") (W) x 55 mm (2.17") (D) x 305 mm (12.01") (H)	
Packing Dimensions	510 mm (20.07") (W) x 186 mm (7.32") (D) x 532 mm (20.94") (H)	
Weight (net/gross)	5.2 kg (11.46 lb)/8.4 kg (18.51 lb)	
Operating Temperature	-20°C to +55°C (-4°F to +131°F)	
Relative Humidity	10%- 95% @ +40oC, non-condensing	
Operation Vibration	2G, 5- 500Hz, random for 2.5" SSD 2G, 5- 500Hz, random for CompactFlash™	
Certifications	CE	

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT815-834-C-DC (P/N: E22B815112)	15" XGA IP66-rated stainless steel fanless touch panel computer with Intel® Atom® E3827, projected capacitive touch screen, flat bezel design, and 9 to 36 VDC power input
GOT815-834-R-DC (P/N: E22B815110)	15" XGA IP66-rated stainless steel fanless touch panel computer with Intel® Atom® E3827, 5-wire flat resistive touch screen, flat bezel design, and 9 to 36 VDC power input
GOT815-834-R-RF-DC (P/N: E22B815109)	15" XGA IP66-rated stainless steel fanless touch panel computer with Intel® Atom® E3827, 5-wire flat resistive touch screen, flat-bezel design, 9 to 36 VDC power input, and Wi-Fi or 3G

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT815-834
1 x DC cable

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8122820E	Water-proof USB cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
509000002200	Adapter 24V 90W, M12 A-code 5P

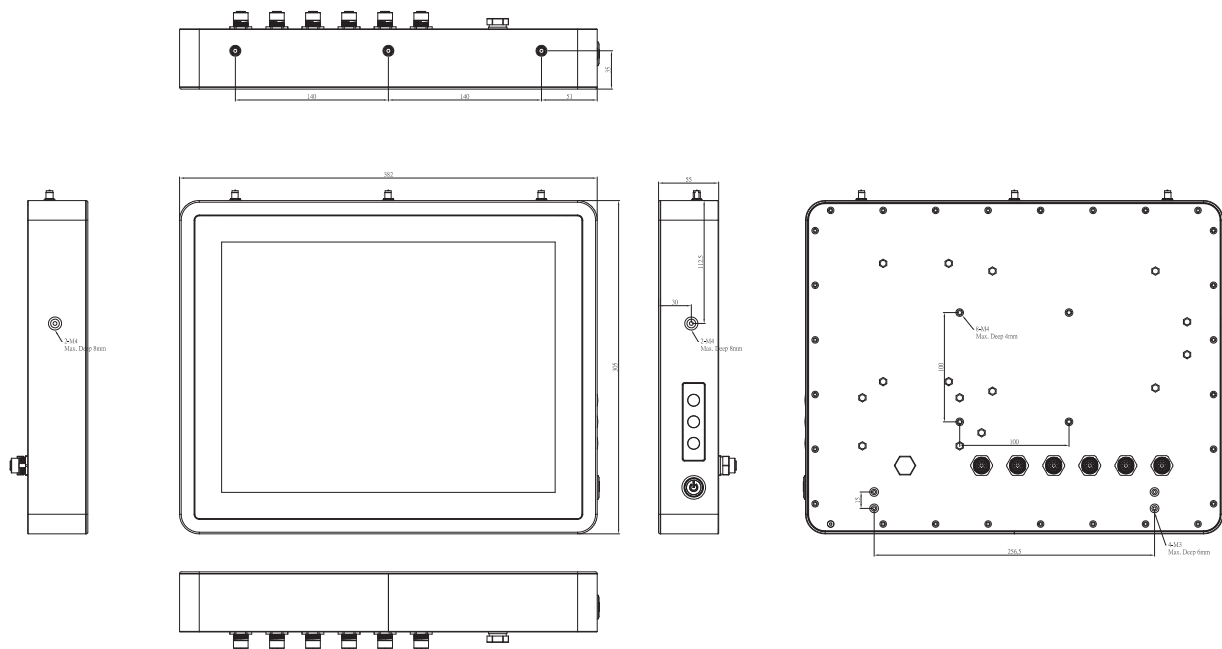
Optional EOS Installation

WES 7
WE8S

Optional OS Installation

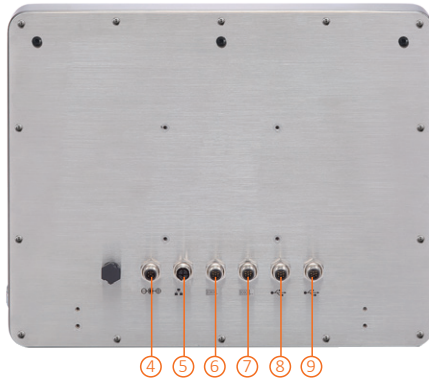
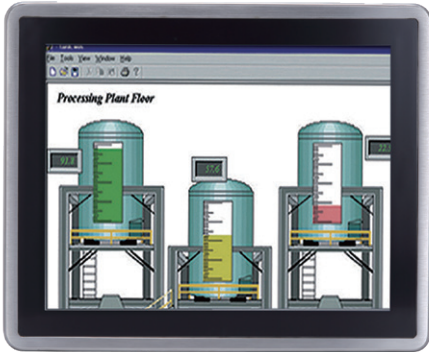
Windows® 7
Windows® 8/8.1
Windows® 10

Dimensions



GOT815L-511

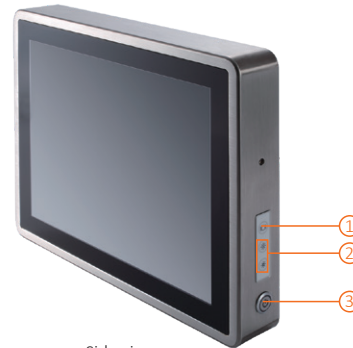
15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)



- | | |
|--------------------------|--|
| 1. Backlight on/off | 6. 1 x RS-232/422/485 (default RS-232) |
| 2. Brightness adjust +/- | 7. 1 x RS-232/422/485 (default RS-232) |
| 3. Power on/off | 8. 2 x USB 2.0 |
| 4. DC power connector | 9. 2 x USB 2.0 |
| 5. 1 x LAN | |

Features

- 15" XGA TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-7300U processor
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- Supports VESA mount
- M12 type connectors for harsh environments



▲ Side view

Introduction

The 15-inch GOT815L-511 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Certified

The GOT815L-511 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT815L-511 is qualified to meet harsh environment applications.

Wide Temperature (-20°C to +50°C) & Anti-vibration (1G) Design

The GOT815L-511 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness (cd/m ²)	420 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Core™ i5-7300U 3.5 GHz (Kaby Lake)
	Chipset	SoC integrated
	System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD (9.5 mm height)
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded)	
	4 x USB 2.0 (A-coded)	
	1 x 10/100/1000 Mbps Ethernet with Intel® i210-IT (X-coded); support Wake-on-LAN, PXE Boot ROM	
	1 x DC power input (M12)	
Expansion Interface	1 x Full-size PCI Express Mini Card slot	
	1 x Half-size PCI Express Mini Card slot	
Touchscreen	5-wire resistive touch or projected capacitive multi-touch	
Power Input	9 to 36 VDC	
Power Consumption	45W	
Dimensions	382 mm (15.4") (W) x 55 mm (2.17") (D) x 305 mm (12.01") (H)	
Packing Dimensions	510 mm (20.07") (W) x 186 mm (7.32") (D) x 532 mm (20.94") (H)	
Weight (net/gross)	5.2 kg (11.46 lb)/8.4 kg (18.5 lb)	
Operating Temperature	-20°C to +50°C (-4°F to +122°F)	
Relative Humidity	10% - 95% @ +40°C, non-condensing	
Operation Vibration	1G, 5- 500Hz, random for 2.5" SSD	
Certifications	CE	

*W.T.: Wide temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT815L-511-C-DC (P/N: E22B815116)	15" XGA fanless IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel® Core™ i5-7300U, projected capacitive touch screen, 420 nits LCD, and LCD, and 9 to 36 VDC power input
GOT815L-511-R-DC (P/N: E22B815113)	15" XGA fanless IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel® Core™ i5-7300U, 5-wire flat resistive touch screen, and 9 to 36 VDC power input

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT815L-511
1 x DC cable

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
594B8152820E	Water-proof USB cable (1.8 m)
509000002200	Adapter 24V 90W, M12 A-code 5P

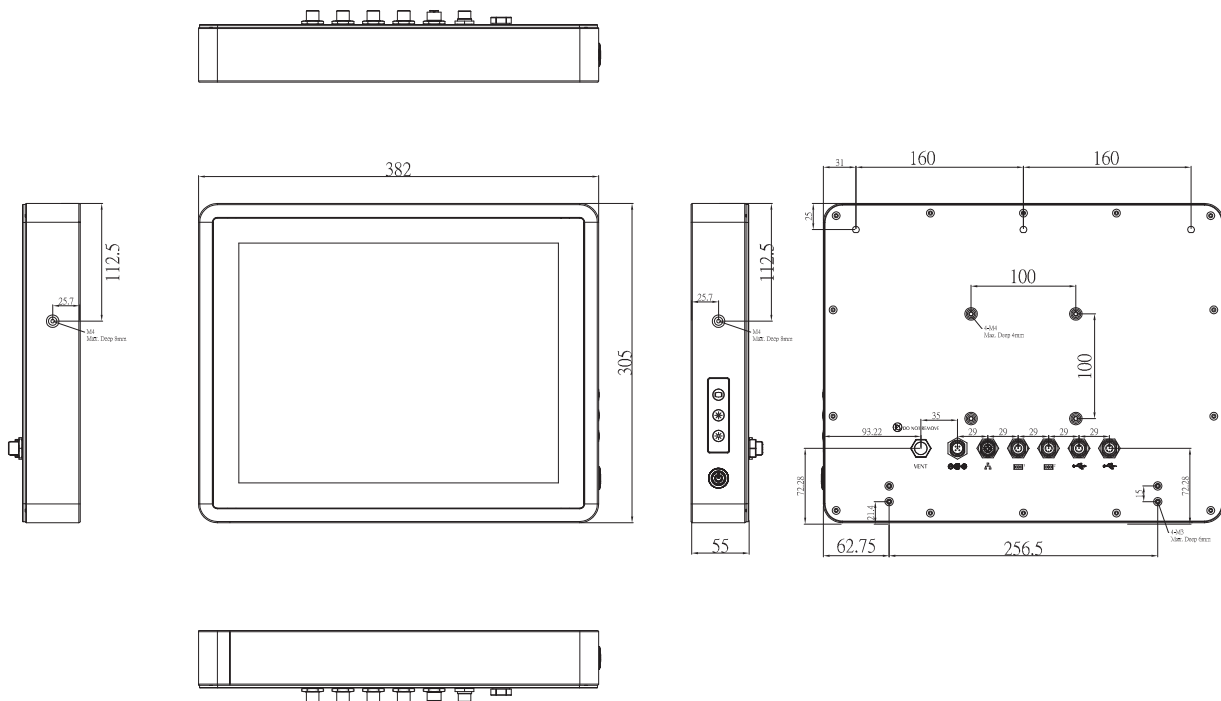
Optional EOS Installation

Windows® 10 IoT

Optional OS Installation

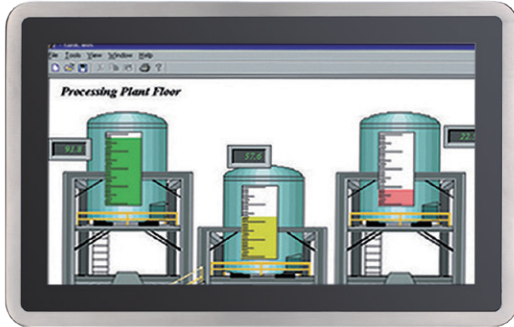
Windows® 10

Dimensions



GOT815W-511

15.6" FHD TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)



- | | |
|--------------------------|--|
| 1. Backlight on/off | 6. 1 x RS-232/422/485 (default RS-232) |
| 2. Brightness adjust +/- | 7. 1 x RS-232/422/485 (default RS-232) |
| 3. Power on/off | 8. 2 x USB 2.0 |
| 4. DC power connector | 9. 2 x USB 2.0 |
| 5. 1 x LAN | |

Features

- 15.6" FHD TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with SUS 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-7300U processor
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- Supports VESA mount
- M12 type connectors for harsh environments



▲ Side view

Introduction

The 15.6-inch GOT815W-511 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Certified

The GOT815W-511 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT815W-511 is qualified to meet harsh environment applications.

Wide Temperature (-20°C to +50°C) & Anti-vibration (1G) Design

The GOT815W-511 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless steel (SUS) 316	
LCD Panel	Display Type	15.6" FHD TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1920 x 1080
	Viewing Angle (H/V)	160°/140°
Main System	CPU	Intel® Core™ i5-7300U 2.6 GHz, up to 3.5 GHz (Kaby Lake)
	Chipset	SoC integrated
	System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD (9.5 mm height)
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded)	
	4 x USB 2.0 (A-coded)	
	1 x 10/100/1000 Mbps Ethernet supporting PXE and LAN wake-up (Intel® I210-IT; X-coded)	
	1 x DC power connector (M12)	
Expansion Interface	1 x Full-size PCI Express Mini Card slot	
	1 x Half-size PCI Express Mini Card slot	
Touchscreen	5-wire resistive touch or projected capacitive multi-touch	
Power Input	9 to 36 VDC	
Power Consumption	58.5W	
Dimensions	414.8 mm (16.4") (W) x 55mm (2.2") (D) x 265.1 mm (10.43") (H)	
Packing Dimensions	535 mm (21.06") (W)* 196 mm (7.71") (D) * 485 mm (19.1") (H)	
Weight (net/gross)	6.3 kg (13.88 lb)/7.5 kg (16.53 lb)	
Operating Temperature	-20°C to +50°C (-4°F to +122°F)	
Relative Humidity	10%- 95% @ +40°C, non-condensing	
Operation Vibration	1G, 5- 500Hz, random for 2.5" SSD	
Certifications	CE	

*W.T.: Wide temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT815W-511-C-DC (P/N: E22B815123)	15.6" FHD fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5-7300U, projected capacitive touch screen, 400 nits LCD, and 9 to 36 VDC power input
---------------------------------------	--

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT815W-511
1 x DC cable

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
594B8152820E	Water-proof USB cable (1.8 m)
509000002200	Adapter 24V 90W, M12 A-code 5P

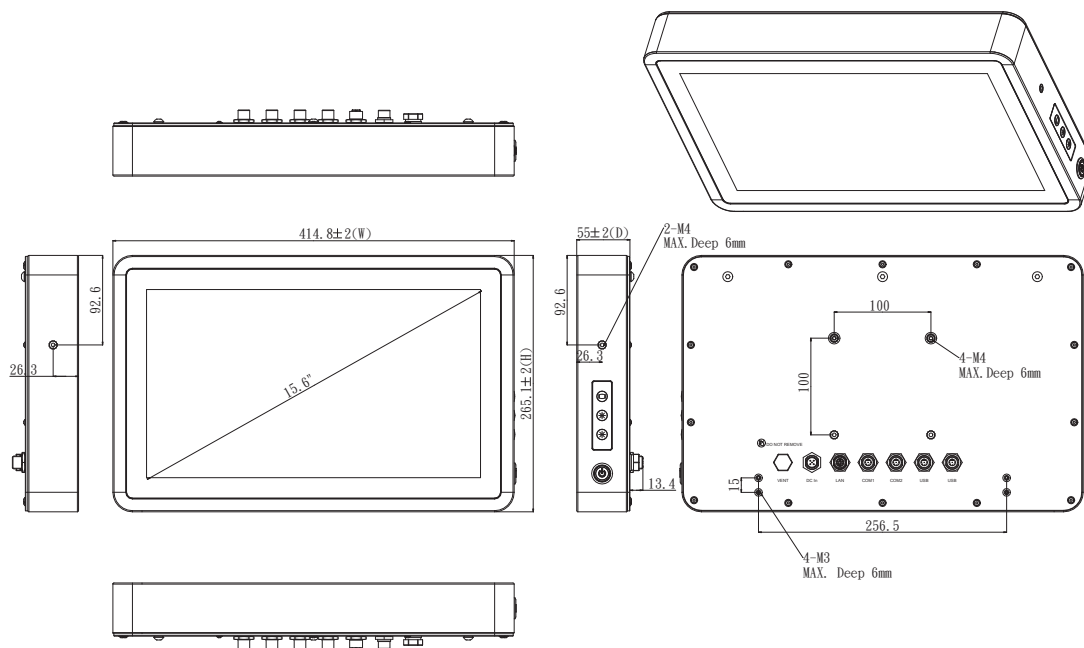
Optional EOS Installation

Windows® 10 IoT

Optional OS Installation

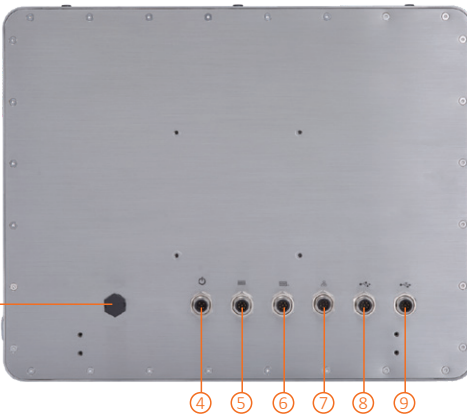
Windows® 10

Dimensions



GOT817-834

17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel Atom® Processor E3827 and Flat Bezel Design (-20°C to +55°C)

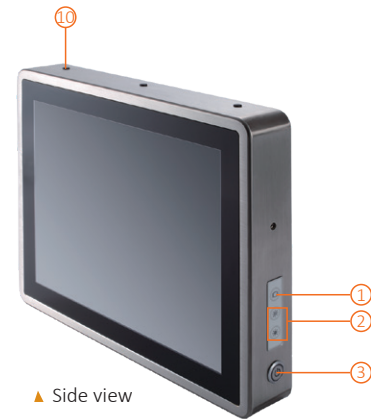


waterproof,
dustproof
ventilation valve

- | | |
|-----------------------|---|
| 1. Backlight switch | 7. 1 x LAN |
| 2. Brightness adjust | 8. 2 x USB 2.0 |
| 3. Power on/off | 9. 2 x USB 2.0 |
| 4. DC power connector | 10. 3 x Wi-Fi/3G antenna
(optional, only for RF version) |
| 5. 1 x RS-232/422/485 | |
| 6. 1 x RS-232/422/485 | |

Features

- 17" SXGA TFT LCD flat bezel projected capacitive (or resistive) touch
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +55°C wide operating temperature range
- Fanless system with Intel Atom® processor E3827
- Optional Wi-Fi/3G kit for wireless network connectivity
- 12 to 36 VDC wide range power input
- M12 type I/O connectors for harsh environments



Introduction

The 17-inch GOT817-834 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +55°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Compliance

The GOT817-834 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a ow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The outstanding GOT817-834 stainless touch panel PC is qualified to meet harsh environment applications.

Wide Temperature (-20°C to +55°C) & Anti-vibration (2G) Design

The rugged 17" industrial stainless touch panel PC featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +55°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 1024
	Viewing Angle (H/V)	160°/140°
Main System	CPU	Intel Atom® processor E3827 1.75 GHz (Bay Trail)
	Chipset	SoC integrated
	System Memory	1 x 204-pin DDR3L-1333 SO-DIMM dual channel, up to 8GB
	BIOS	AMI with Axiomtek standard features, such as SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CFast™
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet (X-coded) 1 x DC power connector (M12)	
Expansion Interface	2 x PCI Express Mini Card slot	
Touchscreen	5-wire resistive touch or projected capacitive multi-touch	
Power Input	12 to 36 VDC	
Power Consumption	50W	
Dimensions	415.92 mm (16.37") (W) x 54.96 mm (2.16") (D) x 348.34 mm (13.71") (H)	
Packing Dimensions	615 mm (24.2") (W) x 250 mm (9.84") (D) x 585 mm (23") (H)	
Weight (net/gross)	7.04 kg (15.52 lb)/10.3 kg (22.71 lb)	
Operating Temperature	-20°C to +55°C (-4°F to +131°F)	
Relative Humidity	10%- 95% @ +40°C, non-condensing	
Operation Vibration	2G, 5- 500Hz, random for 2.5" SSD 2G, 5- 500Hz, random for CFast™	
Certifications	CE	

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

Sunlight readable type

GOT817-834-C-DC (P/N: E22B817103)	17" SXGA IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel Atom® E3827, projected capacitive touch screen, flat-bezel design, and 12 to 36 VDC power input
GOT817-834-R-DC (P/N: E22B817101)	17" SXGA IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel Atom® E3827, 5-wire flat resistive touch screen, flat-bezel design, and 12 to 36 VDC power input

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT817-834
1 x DC cable

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8122820E	Water-proof USB cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
509000002200	Adapter 24V 90W, M12 A-code 5P

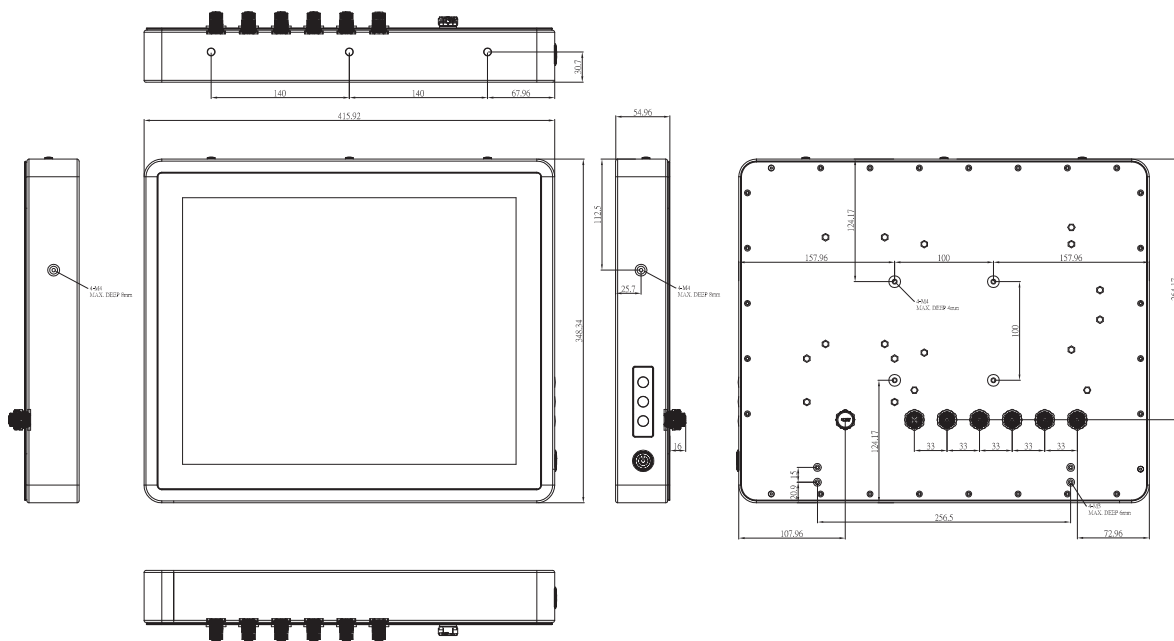
Optional EOS Installation

WES 7
WE8S
Windows® 10 IoT

Optional OS Installation

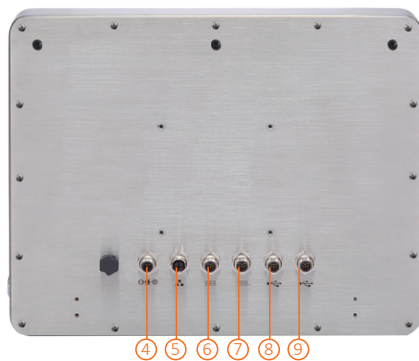
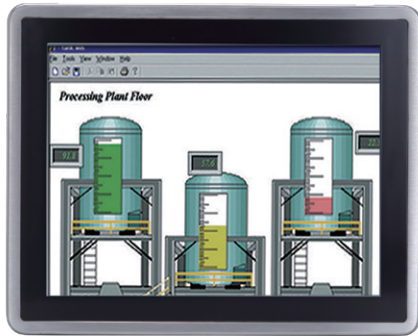
Windows® 7
Windows® 8/8.1
Windows® 10

Dimensions



GOT817L-511

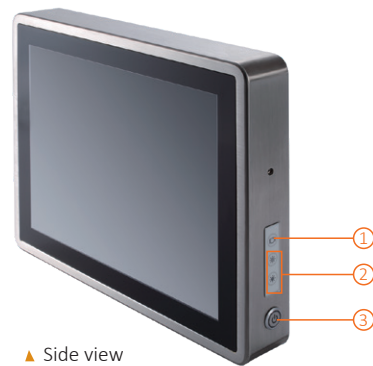
17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5-7300U Processor and Flat Bezel Design (-20°C to +50°C)



- | | |
|--------------------------|--|
| 1. Backlight on/off | 6. 1 x RS-232/422/485 (default RS-232) |
| 2. Brightness adjust +/- | 7. 1 x RS-232/422/485 (default RS-232) |
| 3. Power on/off | 8. 2 x USB 2.0 |
| 4. DC power connector | 9. 2 x USB 2.0 |
| 5. 1 x LAN | |

Features

- 17" SXGA TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5-7300U processor
- Optional Wi-Fi/3G kit for wireless network connectivity
- 9 to 36 VDC wide range power input
- Supports VESA mount
- M12 type connectors for harsh environments



▲ Side view

Introduction

The 17-inch GOT817L-511 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Certified

The GOT817L-511 adopts a water/dust-proof housing design with five IP66-rated M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (+80°C), a flow rate of 14 to 16 L/min and a nozzle hold with distance 10 to 15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT817L-511 is qualified to meet harsh environment applications.

Wide Temperature (-20°C to +50°C) & Anti-vibration (1G) Design

The GOT817L-511 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 1024
	Viewing Angle (H/V)	170°/160°
Main System	CPU	Intel® Core™ i5-7300U 3.5 GHz (Kaby Lake)
	Chipset	SoC integrated
	System Memory	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD (9.5 mm height)
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded)	
	4 x USB 2.0 (A-coded)	
	1 x 10/100/1000 Mbps Ethernet supporting PXE and LAN wake-up (Intel® I210-IT; X-coded)	
	1 x DC power connector (M12)	
Expansion Interface	1 x Full-size PCI Express Mini Card slot	
	1 x Half-size PCI Express Mini Card slot	
Touchscreen	5-wire resistive touch or projected capacitive multi-touch	
Power Input	9 to 36 VDC	
Power Consumption	67.5W	
Dimensions	415.92 mm (16.4") (W) x 55 mm (2.2") (D) x 348.34 mm (13.7") (H)	
Packing Dimensions	615 mm (24.2") (W) x 250 mm (9.84") (D) x 585 mm (23") (H)	
Weight (net/gross)	6.94 kgs (15.3 lb)/10.2 kgs (22.5 lb)	
Operating Temperature	-20°C to +50°C (-4°F to +122°F)	
Relative Humidity	10% - 95% @ +40°C, non-condensing	
Operation Vibration	1G, 5- 500Hz, random for 2.5" SSD	
Certifications	CE	

*W.T.: Wide temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT817L-511-C-DC (P/N: E22B817105)	17" SXGA IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel® Core™ i5-7300U, projected capacitive touch screen, 420 nits design, and 9 to 36 VDC power input
GOT817L-511-R-DC (P/N: E22B817106)	17" SXGA IP66 & IP69K-rated stainless steel fanless touch panel computer with Intel® Core™ i5-7300U, 5-wire flat resistive touch screen, 9 to 36 VDC power input

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x GOT817L-511
1 x DC cable

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
594B8152820E	Water-proof USB cable (1.8 m)
509000002200	Adapter 24V 90W, M12 A-code 5P

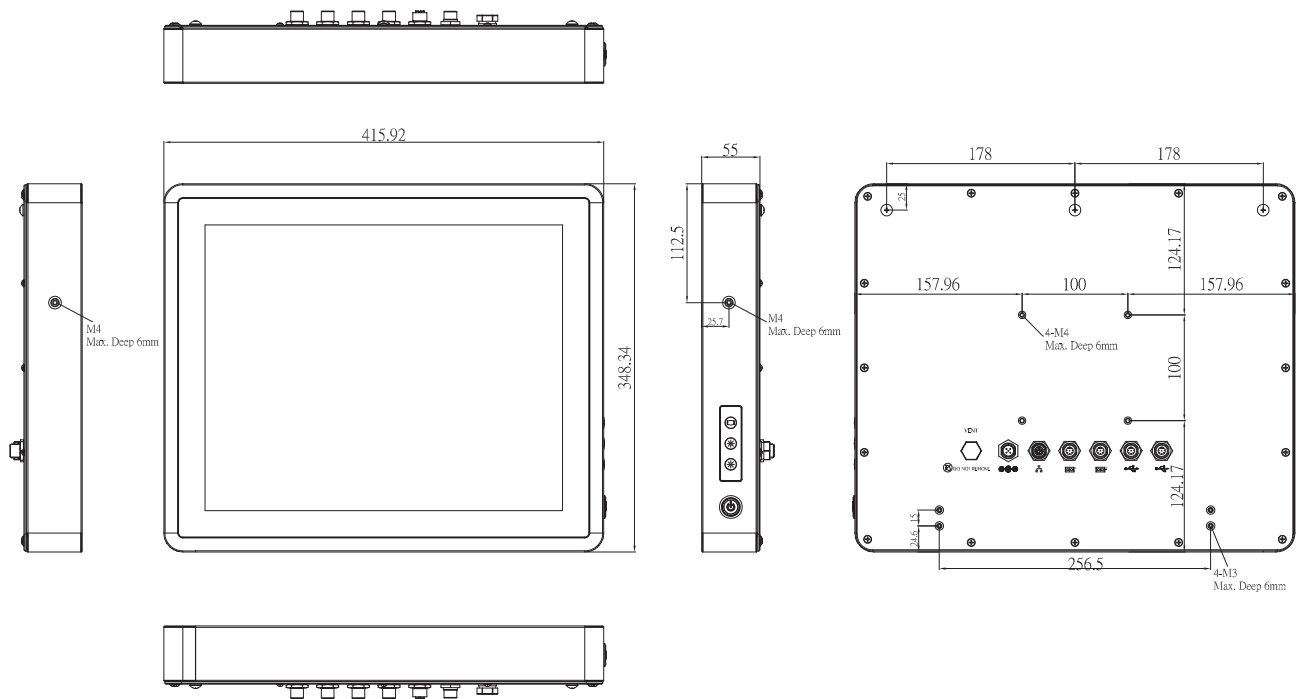
Optional EOS Installation

Windows® 10 IoT

Optional OS Installation

Windows® 10

Dimensions



4

Industrial Touch Panel Computers

Axiomtek provides a complete range of industrial panel computers for automation applications. The high performance P1000 series focuses on factory and machinery market, offering ideal thermal solution, featuring compact sized, easy maintenance design and light weight. The IP65-rated front bezel is specially designed for continuous use in harsh environments. The P1000 series can help customers reduce time-to-market for industry automation.

Selection Guide		86
P1127E-500	12.1" XGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor and PCI/PCIe Slot	88
P1157E-500	15" XGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor and PCI/PCIe Slot	91
P1177E-500	17" SXGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor and PCI/PCIe Slot	94
P1197E-500	19" SXGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor, PCI/PCIe Slot	97

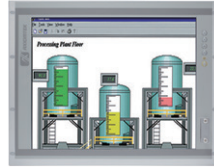
Industrial Panel PCs

Industrial Touch Panel Computers

Selection Guide



Features\Models	P1127E-500	P1157E-500	P1177E-500
Display	12.1" XGA TFT, 500 nits	15" XGA TFT, 250 nits	17" SXGA TFT, 250 nits
CPU Level	LGA1151 socket 7/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium®	LGA1151 socket 7/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium®	LGA1151 socket 7/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium®
Chipset	Intel® H110	Intel® H110	Intel® H110
System Memory	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB
I/O	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in & Line-out) 1 x Remote power switch	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in & Line-out) 1 x Remote power switch	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in & Line-out) 1 x Remote power switch
Storage	1 x 2.5" SATA HDD	1 x 3.5" or 1 x 2.5" SATA HDD	1 x 3.5" or 2 x 2.5" SATA HDD
DVD-RW	N/A	N/A	N/A
Expansion Interface	1 x PCIe x4 or 1 x PCI	1 x PCIe x4 or 1 x PCI	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operation System	Skylake: Windows® 7/8.1/10 Kaby Lake: Windows® 10	Skylake: Windows® 7/8.1/10 Kaby Lake: Windows® 10	Skylake: Windows® 7/8.1/10 Kaby Lake: Windows® 10
Power Supply	200W, 100 to 240 VAC	200W, 100 to 240 VAC	200W, 100 to 240 VAC
Power Consumption	121W	97.6W	143W
Watchdog Timer	255 levels, 1 to 255 sec	255 levels, 1 to 255 sec	255 levels, 1 to 255 sec
Front Bezel	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection
Dimensions (W x D x H)	314.2 x 105 x 253.7 mm (12.37" x 4.13" x 9.99")	378.3 x 90 x 310.3 mm (14.89" x 3.54" x 12.22")	411.82 x 90 x 353.24 mm (16.21" x 3.54" x 13.91")
Weight (net/gross)	4.2 kg (9.26 lb)/6.3 kg (13.89 lb)	5.4 kg (11.90 lb)/7.8 kg (17.20 lb)	6.4 kg (14.11 lb)/10.2 kg (22.49 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Desktop stand/rack/wall/VESA mount	Desktop stand/rack/wall/VESA mount	Desktop stand/rack/wall/VESA mount
Certifications	CE	CE	CE

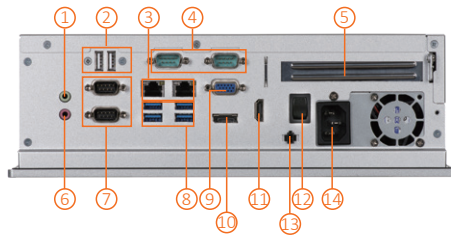
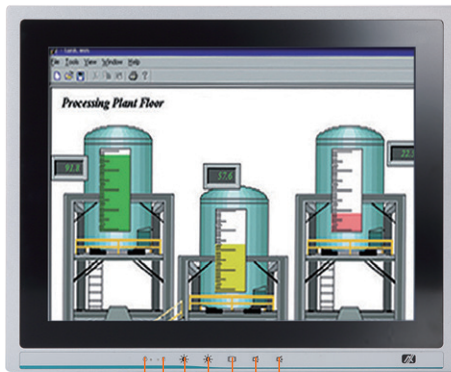


Features\Models	P1197E-500
Display	19" SXGA TFT, 250 nits
CPU Level	LGA1151 socket 7/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium®
Chipset	Intel® H110
System Memory	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB
I/O	3 x RS-232 1 x RS-232/422/485 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in & Line-out)
Storage	1 x 3.5" or 1 x 2.5" SATA HDD
DVD-RW	1 x Built-in slim type (optional)
Expansion Interface	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive type
Operation System	EOS: Windows® 10 IoT OS: Windows® 10
Power Supply	200W, 100 to 240 VAC
Power Consumption	157W
Watchdog Timer	255 levels, 1 to 255 sec.
Front Bezel	Aluminum with IP65/NEMA 4 rugged protection
Dimensions (W x D x H)	378 x 72.2 x 309 mm (14.88" x 2.84" x 12.17")
Weight (net/gross)	8 kg (17.64 lb)/10.4 kg (22.93 lb)
Operating Temperature	0°C to +45°C (+32°F to +113°F)
Mounting	Rack/wall/VESA mount
Certifications	CE

P1127E-500

12.1" XGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor and PCI/PCIe Slot

1. Display status LED
2. SATA status LED
3. Brightness-
4. Brightness +
5. Display monitor ON/OFF
6. Volume-
7. Volume +



- | | |
|------------------------------------|-----------------------------|
| 1. 1 x Line-out | 8. 4 x USB 3.0 |
| 2. 2 x USB 2.0 | 9. 1 x VGA |
| 3. 2 x LAN | 10. 1 x DisplayPort |
| 4. 2 x RS-232 | 11. 1 x HDMI |
| 5. PCI or PCIe x4 slot | 12. Switch for power on/off |
| 6. 1 x Mic-in | 13. Remote switch button |
| 7. 1 x RS-232/422/485 & 1 x RS-232 | 14. AC plug |

Features

- 12.1" XGA TFT LCD display
- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processors
- Intel® H110 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 4 COM
- One PCIe x4 or one PCI slot
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust IP65 compliant aluminum front bezel
- Supports 5 OSD keys in front panel



▲ Side view



▲ Back view

Introduction

The P1127E-500 is a multimedia 12.1" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1127E-500 is powered by a high performance LGA1151 socket 7th/6th generation Intel® Core™ processor with the Intel® H110 chipset. It features four COM ports, two Gigabit Ethernet and up to 32GB memory of dual-channel DDR4-2133 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory and automation.

Expandable for 1 PCIe or 1 PCI

The P1127E-500 has one PCIe x4 or one PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

The P1127E-500 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1127E-500 is designed with easy of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness	500 nits
	Resolution	1024 x 768 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® H110
	System Memory	2 x 288-pin DDR4-2133 Long-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height)
	Drive	N/A
IO Connector	Watchdog Timer	255 levels, 1 to 255 sec.
	3 x RS-232	
	1 x RS-232/422/485	
	1 x HDMI	
	1 x VGA	
	1 x DisplayPort	
	4 x USB 3.0	
2 x USB 2.0		
2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM/i211-AT)		
1 x Audio (Mic-in & Line-out)		
1 x Remote Power Switch		
TPM	N/A	
Expansion Interface	1 x PCIe x4 or 1 x PCI	
Touchscreen	5-wire resistive type	
	Light transmission 79%	
	1 million activations (typical) at a single point	
Power Supply	100 to 240 VAC, 200W	
Power Consumption	121W	
Dimensions	314.2 mm (12.37") (W) x 105 mm (4.13") (D) x 253.7 mm (9.99") (H)	
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)	
Weight(net/gross)	4.2 kg (9.26 lb)/6.3 kg (13.89 lb)	
Operating temperature	0°C to +50°C (+32°F to +122°F)	
Relative humidity	10% to 90% @ +40°C, non-considering	
Operating vibration	1.0G, 5- 500 Hz, random	
Certifications	CE	

Ordering Information

P1127E-500-US x4 (P/N: E221127109)	12.1" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen, PCIe x4 slot, 100 to 240 VAC with US power cord
P1127E-500-US w/PCI (P/N: E221127107)	12.1" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen, PCI slot, 100 to 240 VAC with US power cord

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x P1127E-500
1 x Panel mount kit
1 x US power cord

Optional Accessories

Wi-Fi kit	
881211270A0E	VESA & wall mount kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)
E226171119	Stand kit
59403200B00E	Remote power switch cable (100 cm)

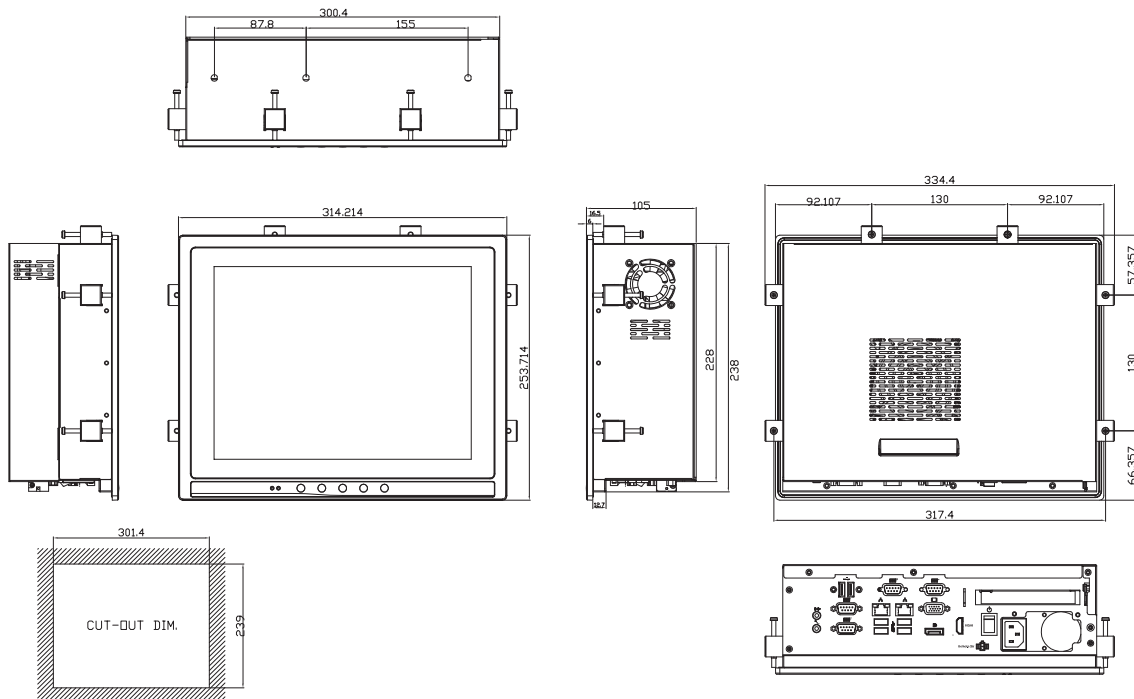
Optional EOS Installation

Windows® 7
Windows® 8.1
Windows® 10 IoT Enterprise

Optional OS Installation

Skylake	Windows® 7
	Windows® 8.1
	Windows® 10
Kaby Lake	Windows® 10

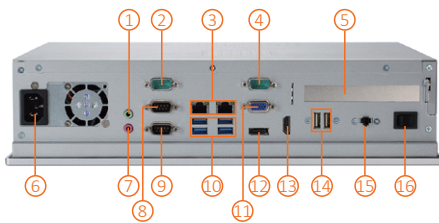
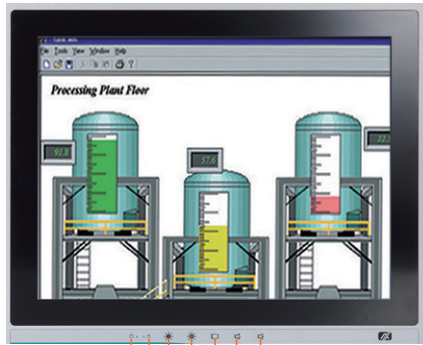
Dimensions



P1157E-500

15" XGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor and PCI/PCIe Slot

1. Display status LED
2. SATA status LED
3. Brightness-
4. Brightness +
5. Display monitor ON/OFF
6. Volume-
7. Volume +



- | | |
|------------------------|-----------------------------|
| 1. 1 x Line-out | 9. 1 x RS-232 |
| 2. 1 x RS-232 | 10. 4 x USB 3.0 |
| 3. 2 x LAN | 11. 1 x VGA |
| 4. 1 x RS-232 | 12. 1 x DisplayPort |
| 5. PCI or PCIe x4 slot | 13. 1 x HDMI |
| 6. AC plug | 14. 2 x USB 2.0 |
| 7. 1 x Mic-in | 15. Remote power switch |
| 8. 1 x RS-232/422/485 | 16. Switch for power on/off |

Features

- 15" XGA TFT LCD display
- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processors
- Intel® H110 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 4 COM
- One PCIe x4 or one PCI slot
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust IP65 compliant aluminum front bezel
- Supports 5 OSD keys in front panel



▲ Side view



▲ Back view

Introduction

The P1157E-500 is a multimedia 15" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1157E-500 is powered by a high performance LGA1151 socket 7th/6th generation Intel® Core™ processor with the Intel® H110 chipset. It features four COM ports, two Gigabit Ethernet and up to 32GB memory of dual-channel DDR4-2133 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory and automation.

Expandable for 1 PCIe or 1 PCI

The P1157E-500 has one PCIe x4 or PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

The P1157E-500 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1157E-500 is designed with easy of maintenance in mind. There are only four screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness	250 nits
	Resolution	1024 x 768 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® H110
	System Memory	2 x 288-pin DDR4-2133 Long-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 3.5" or 1 x 2.5" SATA HDD (9.5 mm height)
	Drive	N/A
	Watchdog Timer	255 levels, 1 to 255 sec.
IO Connector	3 x RS-232	
	1 x RS-232/422/485	
	1 x HDMI	
	1 x VGA	
	1 x DisplayPort	
	4 x USB 3.0	
	2 x USB 2.0	
	2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM/i211-AT)	
	1 x Audio (Mic-in & Line-out)	
	1 x Remote power switch	
TPM	N/A	
Expansion Interface	1 x PCIe x4 or 1 x PCI	
Touchscreen	5-wire resistive type or projected capacitive multi-touch	
Power Supply	100 to 240 VAC, 200W	
Power Consumption	97.6W	
Dimensions	378.3 mm (14.89") (W) x 90 mm (3.54") (D) x 310.3 mm (12.22") (H)	
Packing Dimensions	510 mm (20.08") (W) x 186 mm (7.32") (D) x 532 mm (20.94") (H)	
Weight (net/gross)	5.4 kg (11.90 lb)/7.8 kg (17.20 lb)	
Operating temperature	0°C to +50°C (+32°F to +122°F)	
Relative humidity	10% to 90% @ +40°C, non-considering	
Operating vibration	1.0G, 5- 500 Hz, random	
Certifications	CE	

Ordering Information

P1157E-500-US x4 (P/N: E221157114)	15" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen, PCIe x4 slot, 100 to 240 VAC with US power cord
P1157E-500-US w/PCI (P/N: E221157112)	15" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen, PCI slot, 100 to 240 VAC with US power cord
P1157E-500-US PCT w/PCIe x4 (P/N: E221157121)	15" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, PCAP multi-touch screen, PCIe x4 slot, 100 to 240 VAC with US power cord
P1157E-500-US PCT w/PCI (P/N: E221157119)	15" XGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, PCAP multi-touch screen, PCI slot, 100 to 240 VAC with US power cord

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x P1157E-500
1 x Panel mount kit
1 x US power cord

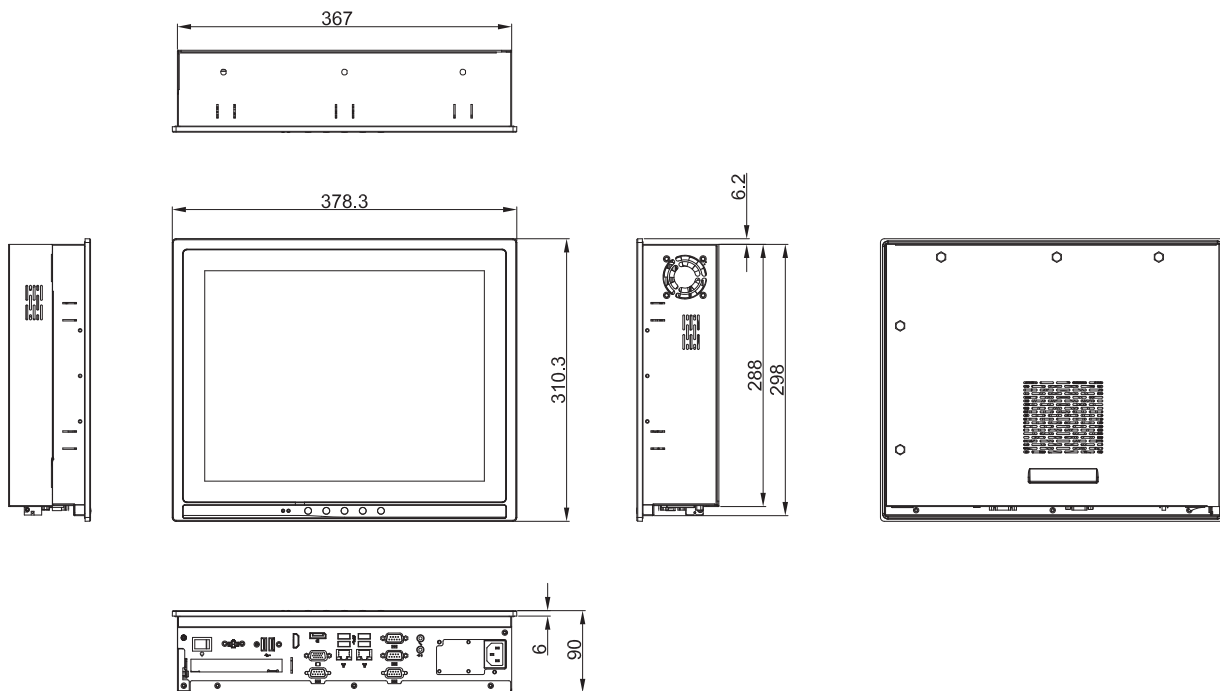
Optional Accessories

Wi-Fi kit	
P1157E-500 2.5" slim HDD kit	
881211572AOE	P1157E-500 rack mount kit
881211575AOE	VESA & wall mount kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)
E226171119	Stand kit
59403200B00E	Remote power switch cable (100 cm)

Optional OS Installation

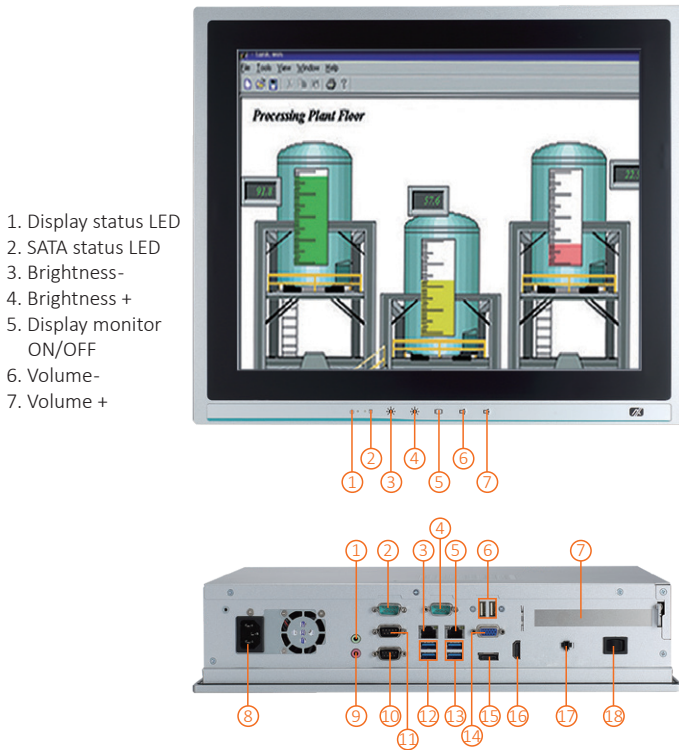
Skylake	Windows® 7
	Windows® 8.1
	Windows® 10
Kaby Lake	Windows® 10

Dimensions



P1177E-500

17" SXGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor and PCI/PCIe Slot



1. Display status LED
2. SATA status LED
3. Brightness-
4. Brightness+
5. Display monitor ON/OFF
6. Volume-
7. Volume+

- | | | |
|-----------------|------------------------|-----------------------------|
| 1. 1 x Line-out | 7. PCI or PCIe x4 slot | 13. 2 x USB 3.0 |
| 2. 1 x RS-232 | 8. AC plug | 14. 1 x VGA |
| 3. 1 x LAN | 9. 1 x Mic-in | 15. 1 x DisplayPort |
| 4. 1 x RS-232 | 10. 1 x RS-232 | 16. 1 x HDMI |
| 5. 1 x LAN | 11. 1 x RS-232/422/485 | 17. Remote switch button |
| 6. 2 x USB 2.0 | 12. 2 x USB 3.0 | 18. Switch for power on/off |

Features

- 17" SXGA TFT LCD display
- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processors
- Intel® H110 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 4 COM
- One PCIe x4 or one PCI slot
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust IP65 compliant aluminum front bezel
- Supports 5 OSD keys in front panel



▲ Side view



▲ Back view

Introduction

The P1177E-500 is a multimedia 17" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1177E-500 is powered by a high performance LGA1151 socket 7th/6th generation Intel® Core™ processor with the Intel® H110 chipset. It features four COM ports, two Gigabit Ethernet and up to 32GB memory of dual-channel DDR4-2133 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory and automation.

Expandable for 1 PCIe or 1 PCI

The P1177E-500 has one PCIe x4 or one PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

The P1177E-500 is equipped with built-in speakers for multimedia applications. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1177E-500 is designed with easy of maintenance in mind. There are only four screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness	250 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® H110
	System Memory	2 x 288-pin DDR4-2133 Long-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 3.5" or 1 x 2.5" SATA HDD (9.5 mm height) 2 x 2.5" SATA HDD (9.5 mm height) (optional)
	Drive	N/A
	Watchdog Timer	255 levels, 1 to 255 sec.
IO Connector	3 x RS-232	
	1 x RS-232/422/485	
	1 x HDMI	
	1 x VGA	
	1 x DisplayPort	
	4 x USB 3.0	
	2 x USB 2.0	
	2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM/i211-AT)	
	1 x Audio (Mic-in & Line-out)	
1 x Remote power switch		
TPM	N/A	
Expansion Interface	1 x PCIe x4 or 1 x PCI	
Touchscreen	5-wire resistive type	
	Light transmission 79%	
	1 million activations (typical) at a single point	
Power Supply	100 to 240 VAC, 200W	
Power Consumption	143W	
Dimensions	411.82 mm (16.21") (W) x 90 mm (3.54") (D) x 353.24 mm (13.91") (H)	
Packing Dimensions	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)	
Weight (net/gross)	6.4 kg (14.11 lb)/10.2 kg (22.49 lb)	
Operating temperature	0°C to +50°C (+32°F to +122°F)	
Relative humidity	10% to 90% @ +40°C, non-considering	
Operating vibration	1.0G, 5- 500 Hz, random	
Certifications	CE	

Ordering Information

P1177E-500-US x4 (P/N: E221177114)	17" SXGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen, PCIe x4 slot, 100 to 240 VAC with US power cord
P1177E-500-US w/PCI (P/N: E221177112)	17" SXGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen, PCI slot, 100 to 240 VAC with US power cord

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x P1177E-500
1 x Panel mount kit
1 x US power cord

Optional Accessories

Wi-Fi kit

P1157E-500 2.5" slim HDD kit supports 15"/17" touch panel PC

881211772A0E VESA & wall mount kit

E981604011 ATC10 (VESA arm clamp type)

E981604012 ATW10 (VESA arm wall mount)

E221177116 PPC HA741L black stand (L)

59403200B00E Remote power switch cable (100 cm)

881211773A0E P1177E-500 rack mount kit

Optional EOS Installation

Windows® 7

Windows® 8.1

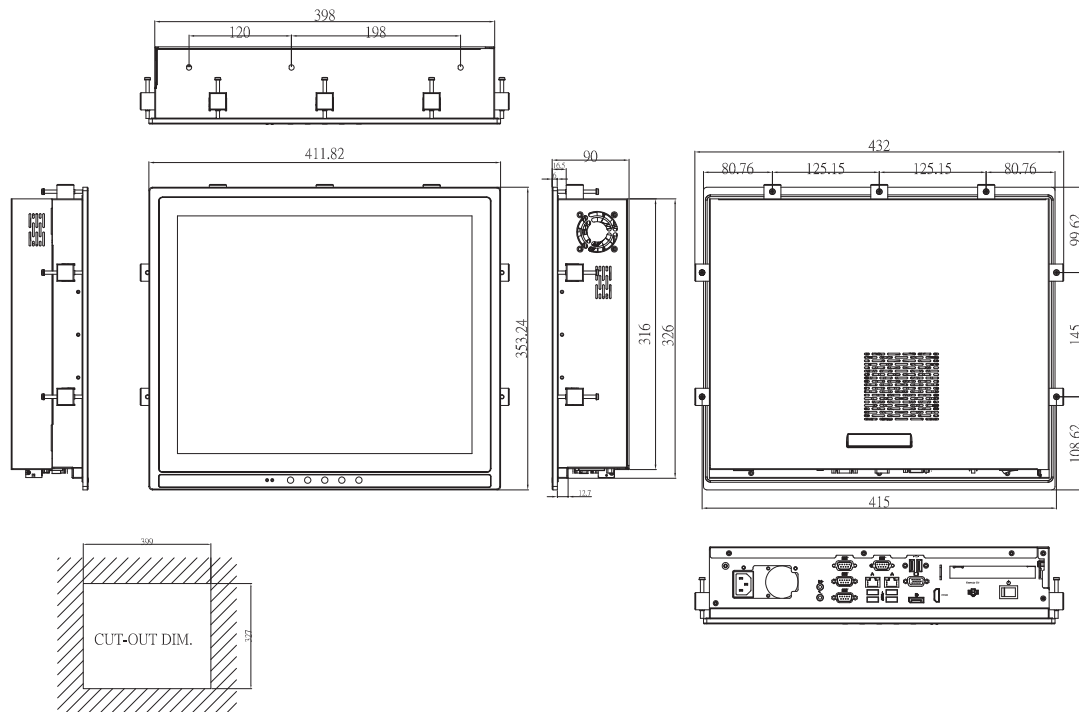
Windows® 10 IoT Enterprise

Optional OS Installation

Skylake Windows® 7
Windows® 8.1
Windows® 10

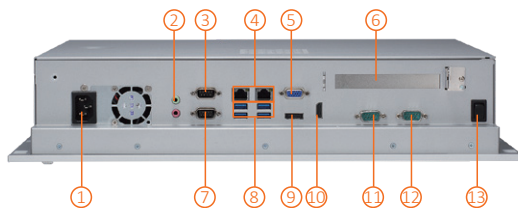
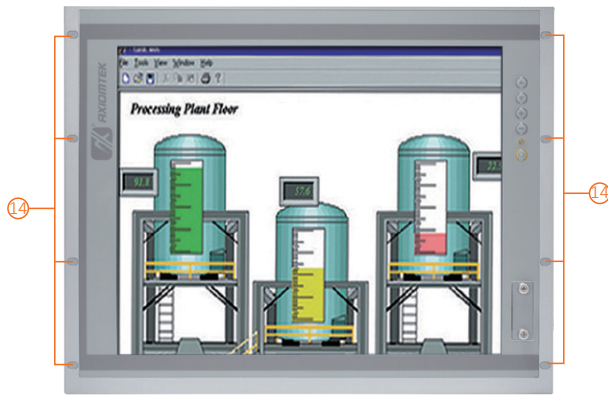
Kaby Lake Windows® 10

Dimensions



P1197E-500

19" SXGA TFT Expandable Industrial Touch Panel Computer with 7th/6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor, PCI/PCIe Slot



- | | | |
|----------------------------|--------------------|---------------------|
| 1. AC plug | 6. PCIe x4 or PCI | 11. 1 x RS-232 |
| 2. Audio (Mic-in/Line-out) | 7. 1 x RS-232 | 12. 1 x RS-232 |
| 3. 1 x RS-232/422/485 | 8. 4 x USB 3.0 | 13. Power switch |
| 4. 2 x LAN | 9. 1 x DisplayPort | 14. Rack mount hole |
| 5. VGA | 10. 1 x HDMI | |

Features

- 19" SXGA TFT LCD display
- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® and Pentium® processor
- Intel® H110 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 4 COM
- One PCIe x4 or one PCI slots
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



▲ Optional ODD Drive



▲ Less screw design

Introduction

The P1197E-500 is a multimedia 19" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1197E-500 is powered by a high performance LGA1151 socket 7th/6th generation Intel® Core™ processor with the Intel® H110 chipset. It features four COM ports, two Gigabit Ethernet and up to 32GB memory of dual-channel DDR4-2133 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory and automation.

Expandable for 1 PCIe or 1 PCI

The P1197E-500 has one PCIe x4 or one PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

The P1197E-500 is equipped with built-in speakers for multimedia applications. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1197E-500 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	19" SXGA TFT LCD
	Brightness	250 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	170°/160°
Main System	CPU	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® H110
	System Memory	2 x 288-pin DDR4-2133 Long-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 3.5" or 1 x SATA HDD (9.5 mm height)
	Drive	N/A
	Watchdog Timer	255 levels, 1 to 255 sec.
IO Connector	3 x RS-232	
	1 x RS-232/422/485	
	1 x HDMI	
	1 x VGA	
	1 x DisplayPort	
	4 x USB 3.0	
	2 x USB 2.0	
	2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM/i211-AT)	
1 x Audio (Mic-in & Line-out)		
TPM	N/A	
Expansion Interface	1 x PCIe x4 or 1 x PCI	
Touchscreen	5-wire resistive type	
	Light transmission 79%	
	1 million activations (typical) at a single point	
Power Supply	100 to 240 VAC, 200W	
Power Consumption	157W	
Dimensions	482 mm (18.98") (W) x 94.7 mm (3.73") (D) x 380.8 mm(14.99") (H)	
Packing Dimensions	615 mm (24.21") (W) x 250 mm (9.84") (D) x 585 mm (23.03") (H)	
Weight(net/gross)	8 kg (17.64 lb)/10.4 kg (22.93 lb)	
Operating temperature	0°C to +45°C (+32°F to +113°F)	
Relative humidity	10% to 90% @ +40°C, non-considering	
Operating vibration	1.0G, 5- 500 Hz, random	
Certifications	CE	

Ordering Information

P1197E-500-US x4 (P/N: E221197104)	19" SXGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen, PCIe x4 slot, 100 to 240 VAC with US power cord
P1197E-500-US w/PCI (P/N: E221197105)	19" SXGA expandable industrial touch panel computer with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen, PCI slot, 100 to 240 VAC with US power cord

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x P1197E-500
1 x Panel mount kit
1 x US power cord

Optional Accessories

Wi-Fi kit

881211970A0E	VESA & wall mount kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)
E221177116	Stand kit

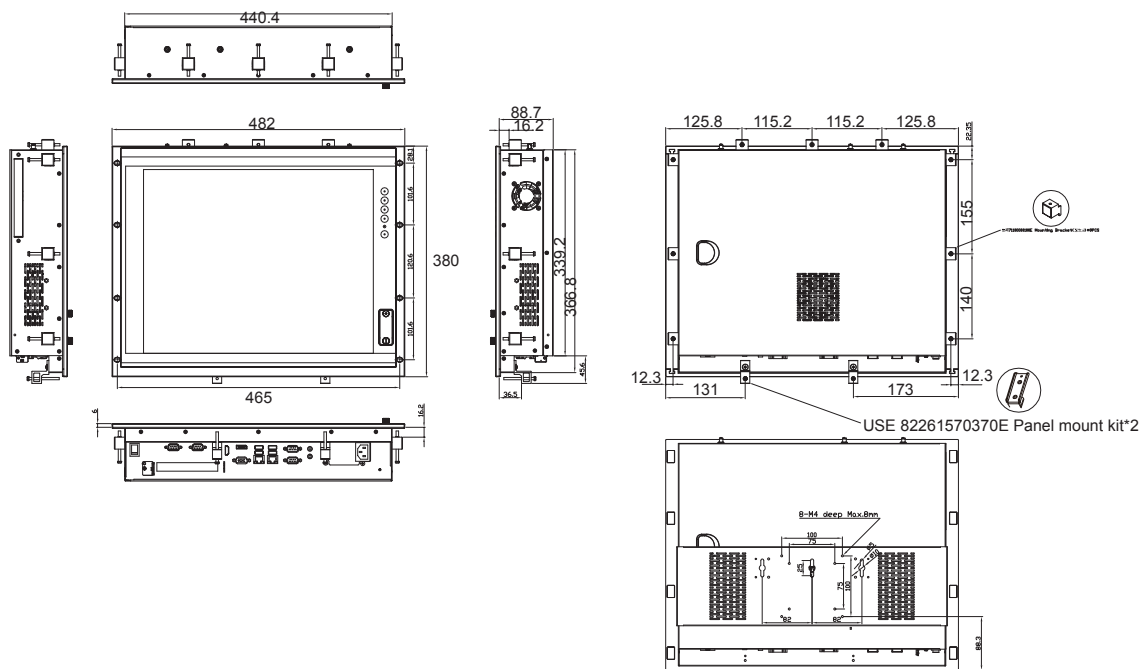
Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 10





Dimensions



5

Modular Panel PCs

Axiomtek's ITC series of modular panel PCs with built-in the Intel® Smart Display Module (Intel® SDM) are designed to simplify installation, upgrade and maintenance. The ITC series is ideal for light-weight applications including light industry, digital signage, POS/Kiosk, etc.

Selection Guide		101
ITC150WM	15.6" FHD TFTLCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	103
 ITC151	15.6" HD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	106
 ITC211	21.5" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	109
 ITC241	23.8" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	110
 ITC550	55" 4K TFT LCD Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card	115

Industrial Panel PCs

Modular Panel PCs

Selection Guide



Features\Models	ITC150WM	ITC151	ITC211
Display	15.6" FHD TFT LCD 300 nits 16:9 ratio 1920 x 1080 pixels	15.6" HD TFT LCD 220 nits 16:9 ratio 1366 x 768 pixels	21.5" FHD TFT LCD 250 nits 16:9 ratio 1920 x 1080 pixels
SDM Module	SDM300S: Intel® SDM Small (SDM-S, 60 x 100 mm) SDM500L: Intel® SDM Large (SDM-L, 175 x 100 mm)	SDM300S: Intel® SDM Small (SDM-S, 60 x 100 mm) SDM500L: Intel® SDM Large (SDM-L, 175 x 100 mm)	SDM300S: Intel® SDM Small (SDM-S, 60 x 100 mm) SDM500L: Intel® SDM Large (SDM-L, 175 x 100 mm)
CPU Level	SDM300S: Intel® Pentium® N4200 1.1GHz or Intel® Celeron® N3350 1.1GHz SDM500L: Intel® Celeron® 4305UE 2.0GHz or Intel® Core™ (optional)	SDM300S: Intel® Pentium® N4200 1.1GHz or Intel® Celeron® N3350 1.1GHz SDM500L: Intel® Celeron® 4305UE 2.0GHz or Intel® Core™ (optional)	SDM300S: Intel® Pentium® N4200 1.1GHz or Intel® Celeron® N3350 1.1GHz SDM500L: Intel® Celeron® 4305UE 2.0GHz or Intel® Core™ (optional)
Chipset	SoC Integrated	SoC Integrated	SoC Integrated
System Memory	SDM300S: LPDDR4 2400 MHz 4GB onboard (8GB optional) SDM500L: 2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB	SDM300S: LPDDR4 2400 MHz 4GB onboard (8GB optional) SDM500L: 2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB	SDM300S: LPDDR4 2400 MHz 4GB onboard (8GB optional) SDM500L: 2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB
SDM-S I/O	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
SDM-L I/O	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Micphone input	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Micphone input	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Micphone input
I/O	1 x HDMI 1 x USB 3.0 Type A 2 x USB 2.0 Type A 1 x microSD card slot (push-push type) 2 x 12 VDC-in barrel (screw-lock type) 1 x Power button with LED	N/A	N/A
Storage	SDM300-S: 1 x eMMC 64GB onboard SDM500-L: 1 x M.2 Key M 2242 slot 1 x M.2 Key B 2280 slot	SDM300-S: 1 x eMMC 64GB onboard SDM500-L: 1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot	SDM300-S: 1 x eMMC 64GB onboard SDM500-L: 1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)	1 x M.2 Key E 2230 slot (for Wi-Fi)	1 x M.2 Key E 2230 slot (for Wi-Fi)
Touchscreen	Projected capacitive multi-touch	Projected capacitive multi-touch	Projected capacitive multi-touch
Operating System	Windows® 10	Windows® 10	Windows® 10
Power Supply	96W (12V/8A) AC to DC power adapter	60W (24V/2.5A) AC to DC power adapter	60W (24V/2.5A) AC to DC power adapter
Power Consumption	Average 45W	Average 45W	Average 60W
Watchdog Timer	255 levels, 1 to 255 sec./min.	255 levels, 1 to 255 sec./min.	255 levels, 1 to 255 sec./min.
Dimensions (W x D x H)	386 x 40 x 241 mm (15.1" x 1.6" x 9.5")	393.5 x 33.5 x 248.5 mm (15.5" x 1.3" x 9.8")	526.1 x 46.3 x 317.6 mm (20.7" x 1.8" x 12.5")
Weight (net/gross)	3.2 kg (7.04lb)/5.4kg (11.9 lb)	3.1 kg (6.9 lb)/5.6 kg (12.4 lb)	6.9 kg (15.2 lb)
Operating Temperature	0°C to +40°C (+32°F to +104°F)	0°C to +40°C (+32°F to +104°F)	0°C to +40°C (+32°F to +104°F)
Mounting	Mounting kits	Mounting kits	Mounting kits
Certifications	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A

NEW



NEW



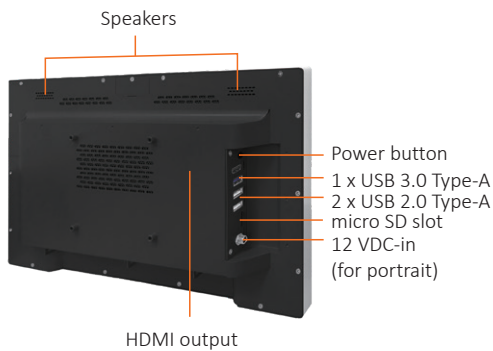
Features\Models	ITC241	ITC550
Display	23.8" FHD TFT LCD 250 nits 16:9 ratio 1920 x 1080 pixels	55" 4K UHD TFT LCD 500 nits 16:9 ratio 3840 x 2160 pixels
SDM Module	SDM300S: Intel® SDM Small (SDM-S, 60 x 100 mm) SDM500L: Intel® SDM Large (SDM-L, 175 x 100 mm)	SDM300S: Intel® SDM Small (SDM-S, 60 x 100 mm) SDM500L: Intel® SDM Large (SDM-L, 175 x 100 mm)
CPU Level	SDM300S: Intel® Pentium® N4200 1.1GHz or Intel® Celeron® N3350 1.1GHz SDM500L: Intel® Celeron® 4305UE 2.0GHz or Intel® Core™ (optional)	SDM300S: Intel® Pentium® N4200 1.1GHz or Intel® Celeron® N3350 1.1GHz SDM500L: Intel® Celeron® 4305UE 2.0GHz or Intel® Core™ (optional)
Chipset	SoC Integrated	SoC Integrated
System Memory	SDM300S: LPDDR4 2400 MHz 4GB onboard (8GB optional) SDM500L: 2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB	SDM300S: LPDDR4 2400 MHz 4GB onboard (8GB optional) SDM500L: 2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB
SDM-S I/O	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
SDM-L I/O	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Micphone input	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Micphone input
I/O	N/A	N/A
Storage	SDM300-S: 1 x eMMC 64GB onboard SDM500-L: 1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot	SDM300-S: 1 x eMMC 64GB onboard SDM500-L: 1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)	1 x M.2 Key E 2230 slot (for Wi-Fi)
Touch Screen	Projected capacitive 10 points multi-touch	10 points IR multi-touch
Operation System	Windows® 10	Windows® 10
Power Supply	60W (12V/5A) AC to DC power adapter	100- 240V AC cord
Power Consumption	Average 65W	Average 250W
Dimensions (W x D x H)	580.3 x 47.5 x 354.7mm (22.8" x 1.9" x 14")	1271.7 x 74.7 x 742.6 mm (50" x 2.9" x 29.2")
Weight (net/gross)	9.8kg (21.6 lb)	21kg (42 lb)
Operating Temperature	0°C to +40°C (+32°F to +104°F)	0°C to +40°C (+32°F to +104°F)
Mounting	Mounting kits	Mounting kits
Certifications	CE, FCC Class A	CE, FCC Class A

ITC150WM

15.6" FHD TFTLCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card



Pcap touch
(10-point)



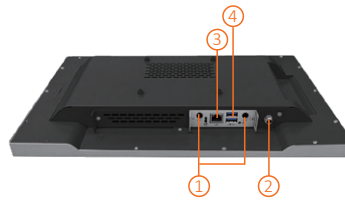
Speakers

Power button
1 x USB 3.0 Type-A
2 x USB 2.0 Type-A
micro SD slot
12 VDC-in
(for portrait)

HDMI output

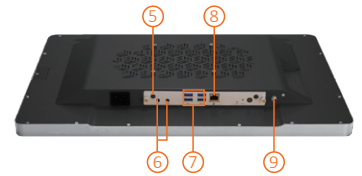
Features

- 15.6" full HD TFTLCD
- Aspect ratio: 16:9; brightness: 300 nits
- Slim bezel shape under 40 mm thickness
- Projected capacity touch supported, 10-point touch
- Swappable Intel® SDM CPU card design
- Metal frame structure for various applications
- Supports add-on modules and mounting kits (optional)



▲ SDM-S slot

1. 2 x SMA antenna reserved hole
2. 12 VDC-in
3. LAN
4. 2 x USB 3.0 Type-A
5. 2 x SMA antenna reserved hole



▲ SDM-L slot

6. Mic-in/Line-out
7. USB 3.0
8. LAN
9. 12 VDC-in

Specifications

Front Bezel	Metallic front bezel, IP54	
LCD Panel	Display Type	15.6" FHD TFT-LCD
	Brightness (cd/m ²)	300 nits
	Resolution	1920 (H) x 1080 (V)
	Aspect Ratio	16:9
Main System	Intel® SDM Small (SDM-S, 60 x 100 mm) Intel® SDM Large (SDM-L, 175 x 100 mm)	
I/O Connector (Depends on SDM I/O)	SDM500L	1 x Power button with L ED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input 2 x SMA antenna reserved hole
	SDM300S	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Touchscreen	Projected capacitive multi-touch	
Stereo Speaker	2 x S.P.L. 96dB, 1.5W, 4 ohm	
Power Supply	84W (12V@7A) AC to DC power adapter	
Power Consumption	Average 45W	
Dimension	386 mm (15.1") (W) x 40 mm (1.6") (D) x 241 mm (9.5") (H)	
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D)x 280 mm (11.02") (H)	
Weight (net/gross)	1.15 kg (2.42 lb)/5.4kg (11.9 lb)	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	20%- 80%, non-condensing	
Certifications	CE, FCC Class A	

CPU Card Selection: SDM300-S

CPU	Quad-core Intel® Pentium® N4200 1.1GHz processor or Dual-core Intel® Celeron® N3350 1.1GHz processor	
System Memory	Onboard LPDDR4 2400 MHz 4GB (8GB optional)	
BIOS	AMI UEFI BIOS	
Storage	1 x eMMC 64GB onboard	
Watchdog Timer	255 levels, 0 to 255 sec.	
Onboard Graphics	Intel® HD Graphics 505/500 (depends on CPU card)	
I/O Connector	Rear Side	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Expansion Interface	1 x M.2 Key E 2230 slot (for the Wi-Fi)	

CPU Card Selection: SDM500-L

CPU	Intel® Celeron® 4305UE 2.0GHz processor or Intel® Core™ processor (optional)	
System Memory	2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB	
BIOS	AMI UEFI BIOS	
Storage	1 x M.2 Key M 2242 slot 1 x M.2 Key B 2280 slot	
Watchdog Timer	255 levels, 0 to 255 sec.	
Onboard Graphics	Intel® UHD Graphics 620/610 (depends on CPU card)	
I/O Connector	Rear Side	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input
Expansion Interface	1 x M.2 Key E 2230 slot (for the Wi-Fi)	

Ordering Information

Standard

ITC150WM-SDM300S-N4200 (P/N: E22T150102)	15.6 FHD with PCAP touch slim bezel panel with SDM300S Intel® Pentium® N4200 processor, onboard DDR4 4G & EMMC 64GB, 1 LAN, 3 USB 3.0, 2 USB 2.0, 2 Speaker, 2 DC Jack, onboard DDR4 4G & EMMC 64GB, 1 LAN, 3 USB 3.0, 2 USB 2.0, 2 Speaker, 2 DC Jack
ITC150WM-SDM500L-8265U (P/N: E22T150101)	15.6 FHD with PCAP touch slim bezel panel with SDM500L Intel® Core™ i5 8265U processor, 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 5 USB 3.0, 2 USB 2.0, 2 Speaker, 1 Mic-in, 1 Line-out, 2 DC Jack *Other SDM module base on inquire

Packing List

1 x ITC150WM with SDM module
1 x Adaptor

Optional Accessories

M.2 SSD M.2 2280-B-M 64~256GB (SDM500L)

DDR4 SO-DIMM: 4GB~32GB

822T1500050E Mounting kit

8812T1500A0E Wi-Fi kit

59903000000E AC power cord EU, L=1830 mm

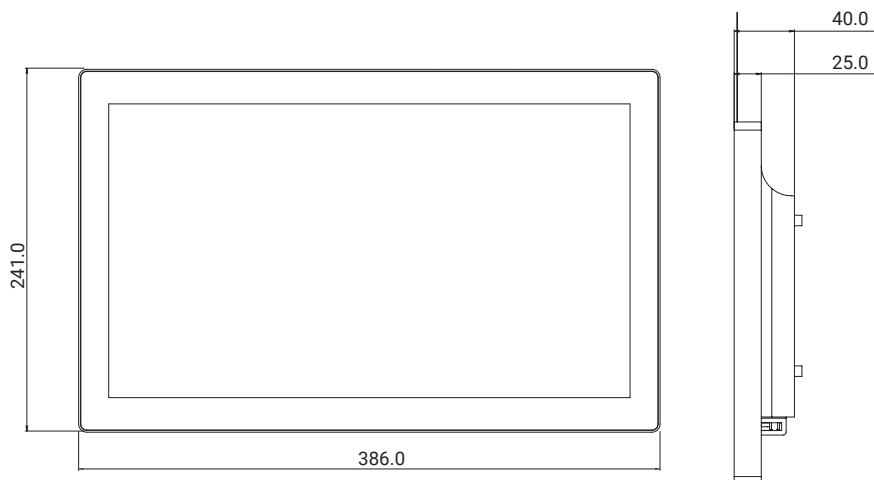
599000001100 AC power cord US, L=1830 mm

Optional OS Installation

Windows® 10 full 64-bit

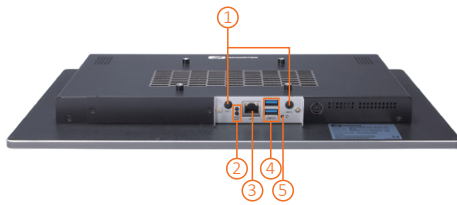
Windows® 10 IoT 64-bit

Dimensions



ITC151 NEW

15.6" HD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card



- | | |
|---------------------------------|---------------|
| 1. Antenna reserved holes | 3. LAN |
| 2. Power Button
Reset Button | 4. 2 x USB3.0 |
| | 5. Status LED |

Features

- 15.6" HD TFT LCD
- 16:9 aspect ratio; 220 nits brightness
- Diamond-cut slim bezel under 33.5 mm thickness
- Projected capacity touch supported (10-point touch)
- Swappable Intel® SDM CPU card
- Modular design for various applications
- Supports an add-on RFID reader, barcode scanner, and camera modules (optional)
- Supports a thermal printer (optional)
- Supports countertop/floor stand, and wall mount (optional)



▲ Countertop stand (landscape)



▲ Countertop stand (portrait)

Specifications

LCD Panel	Display Type	15.6" HD TFT LCD
	Brightness (cd/m ²)	220 nits
	Resolution	1366 (H) x 768 (V)
	Aspect Ratio	16:9
Main System	Intel® SDM Small (SDM-S, 60 x 100 mm) Intel® SDM Large (SDM-L, 175 x 100 mm)	
I/O Connector (Depends on SDM I/O)	SDM510L	1 x Power button with LED 1 x 2.5 GbE LAN 4 x USB 3.0 Type A 3 x HDMI2.0 2 x SMA antenna reserved hole
	SDM300S	1 x LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole 1 x Power button and reset button
Touchscreen	Projected capacitive multi-touch	
Stereo Speaker	2 x S.P.L. 88dB, 1.5W, 4 ohm	
Power Supply	24V AC to DC power adapter	
Power Consumption	Average 45W	
Dimensions	393.5 mm (15.5") x 33.5 mm (1.3") x 248.5 mm (9.8")	
Packing Dimensions	530 mm (20.9") (W) x 193 mm (7.6") (D) x 468 mm (18.4") (H)	
Weight (net/gross)	3.1 kg (6.9 lb)/5.6 kg (12.4 lb)	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	20%- 90%, non-condensing	
Certifications	CE, FCC Class A	

CPU Card Selection: SDM300S

CPU	Quad-core Intel® Pentium® N4200 1.1GHz processor or dual-core Intel® Celeron® N3350 1.1GHz processor
System Memory	Onboard LPDDR4 4GB (8GB optional)
BIOS	AMI UEFI BIOS
Storage	eMMC 64GB onboard
Watchdog Timer	255 levels, 1 to 255 sec.
Onboard Graphics	Intel® HD Graphics 505/500 (depending on CPU card)
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)

CPU Card Selection: SDM510L

CPU	12th gen Intel® Celeron® 7305E processor or Intel® Core™ i3/i5 processor (optional)
System Memory	2 x 260-pin DDR4-3200 SO-DIMM slot, up to 64GB
BIOS	AMI UEFI BIOS
Storage	1 x M.2 Key M 2242 slot
Watchdog Timer	255 levels, 1 to 255 sec.
Onboard Graphics	Intel® UHD Graphics for 12th gen Intel CPU
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)

Ordering Information

Standard

ITC151-SDM300S-N4200 (P/N: TBD)	15.6 HD PCAP touch slim bezel panel with SDM300S Intel® Pentium® N4200 processor, onboard DDR4 4G, eMMC 64GB, 1 LAN, 2 USB 3.0, and 2 speaker
ITC151-SDM510L-i5-12600HE (P/N: TBD)	15.6 HD PCAP touch slim bezel panel with SDM510L Intel® Core™ i5 12600HE processor, 2 SO-DIMM, 1 M.2 SSD slot, 2.5G LAN, 3 USB3.2 Gen2, 1 USB2.0, 2 speaker

*Other SDM module by request.

Packing List

1 x ITC151 with SDM module
1 x Adaptor

Optional Accessories

RFID module

Barcode scanner module

Camera module

Thermal printer with counter-top stand or floor stand

SSD M.2 2242-M (SDM510L)

DDR4 SO-DIMM: 4GB- 32GB (SDM500-L)

822T1500050E Mounting kit

8812T1500A0E Wi-Fi kit

59903000000E AC power cord EU, L=1830 mm

599000001100 AC power cord US, L=1830 mm

59909010000E AC power cord China, L=1830 mm

59906000010E AC power cord Japan, L=1830 mm

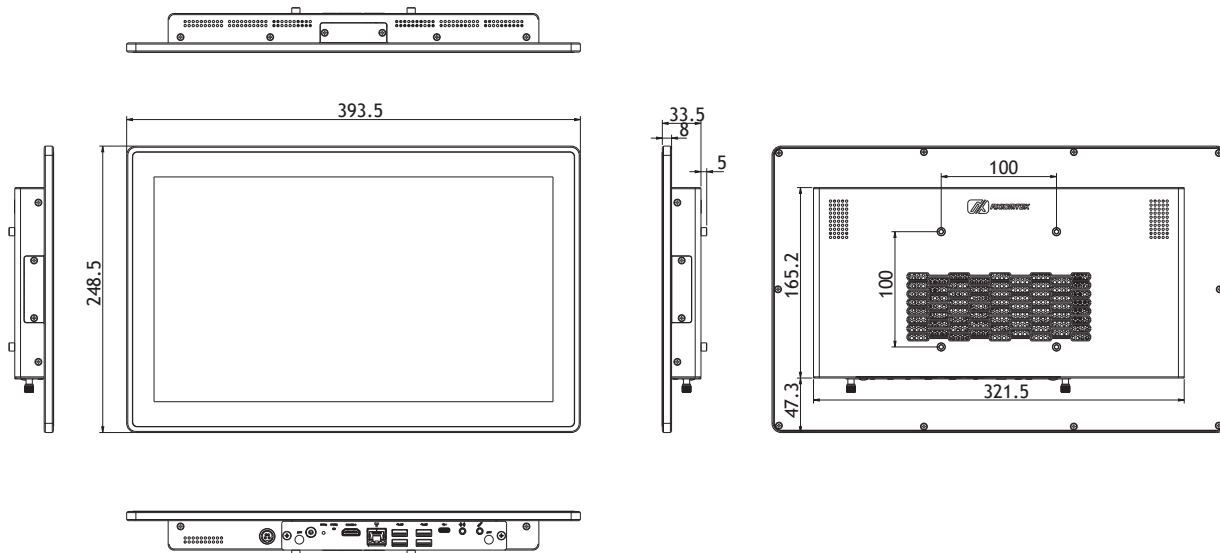
59905000000E AC power cord Australia, L=1830 mm

59918000000E AC power cord Brazil, L=1830 mm

Optional OS Installation

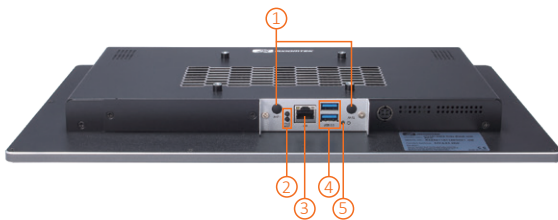
Windows® 10 IoT 64-bit

Dimensions



ITC211 NEW

21.5" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card



- | | |
|---------------------------------|---------------|
| 1. Antenna reserved holes | 3. LAN |
| 2. Power Button
Reset Button | 4. 2 x USB3.0 |
| | 5. Status LED |

Features

- 21.5" FHD TFT LCD
- 16:9 aspect ratio; 250 nits brightness
- Diamond-cut slim bezel under 46.3 mm thickness
- Projected capacity touch supported (10-point touch)
- Swappable Intel® SDM CPU card
- Modular design for various applications
- Supports an add-on RFID reader, barcode scanner, and camera modules (optional)
- Supports a thermal printer (optional)
- Supports desktop stand, floor stand, and wall mount (optional)



Specifications

LCD Panel	Display Type	21.5" FHD TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1920 (H) x 1080 (V)
	Aspect Ratio	16:9
Main System	Intel® SDM Small (SDM-S, 60 x 100 mm)	
	Intel® SDM Large (SDM-L, 175 x 100 mm)	
I/O Connector (Depends on SDM I/O)	SDM500L	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input 2 x SMA antenna reserved hole
	SDM300S	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Touchscreen	Projected capacitive multi-touch	
Stereo Speaker	2 x S.P.L. 88dB, 1.5W, 4 ohm	
Power Supply	24V AC to DC power adapter	
Power Consumption	Average 60W	
Dimensions	526.1 mm (20.7") x 46.3 mm (1.8") x 317.6 mm (12.5")	
Weight (net)	6.9 kg (15.2 lb)	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	20%- 90%, non-condensing	
Certifications	CE, FCC Class A	

CPU Card Selection: SDM300-S

CPU	Quad-core Intel® Pentium® N4200 1.1GHz processor or dual-core Intel® Celeron® N3350 1.1GHz processor	
System Memory	Onboard LPDDR4 2400 MHz 4GB (8GB optional)	
BIOS	AMI UEFI BIOS	
Storage	eMMC 64GB onboard	
Watchdog Timer	255 levels, 1 to 255 sec.	
Onboard Graphics	Intel® HD Graphics 505/500 (depending on CPU card)	
I/O Connector	Rear Side	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)	

CPU Card Selection: SDM500-L

CPU	Intel® Celeron® 4305UE 2.0GHz processor or Intel® Core™ processor (optional)	
System Memory	2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB	
BIOS	AMI UEFI BIOS	
Storage	1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot	
Watchdog Timer	255 levels, 1 to 255 sec.	
Onboard Graphics	Intel® UHD Graphics 620/610 (depending on CPU card)	
I/O Connector	Rear Side	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Micphone input
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)	

Ordering Information

Standard

ITC211-SDM300S-N4200 (P/N: TBD)	21.5-inch FHD PCAP touch slim bezel panel with SDM300S Intel® Pentium® N4200 processor, onboard DDR4 4G, eMMC 64GB, 1 LAN, 2 USB 3.0, and 2 speaker
ITC211-SDM500L-i5-8365UE (P/N: TBD)	21.5-inch FHD PCAP touch slim bezel panel with SDM500L Intel® Core™ i5 8365UE processor, 2 SO-DIMM slot, 2 M.2 SSD slot, 1 LAN, 4 USB 3.0, 2 speaker, and 1 Mic-in/Line-out

*Other SDM module by request.

Packing List

1 x ITC211 with SDM module
1 x Adaptor

Optional Accessories

RFID module

Barcode scanner module

Camera module

Thermal printer with counter-top stand or floor stand

SSD M.2 2280-B-M (SDM500L)

SSD M.2 2242-B (SDM500L)

DDR4 SO-DIMM: 4GB~32GB (SDM500L)

822T1500050E Mounting kit

8812T1500A0E Wi-Fi kit

59903000000E AC power cord EU, L=1830 mm

599000001100 AC power cord US, L=1830 mm

59909010000E AC power cord China, L=1830 mm

59906000010E AC power cord Japan, L=1830 mm

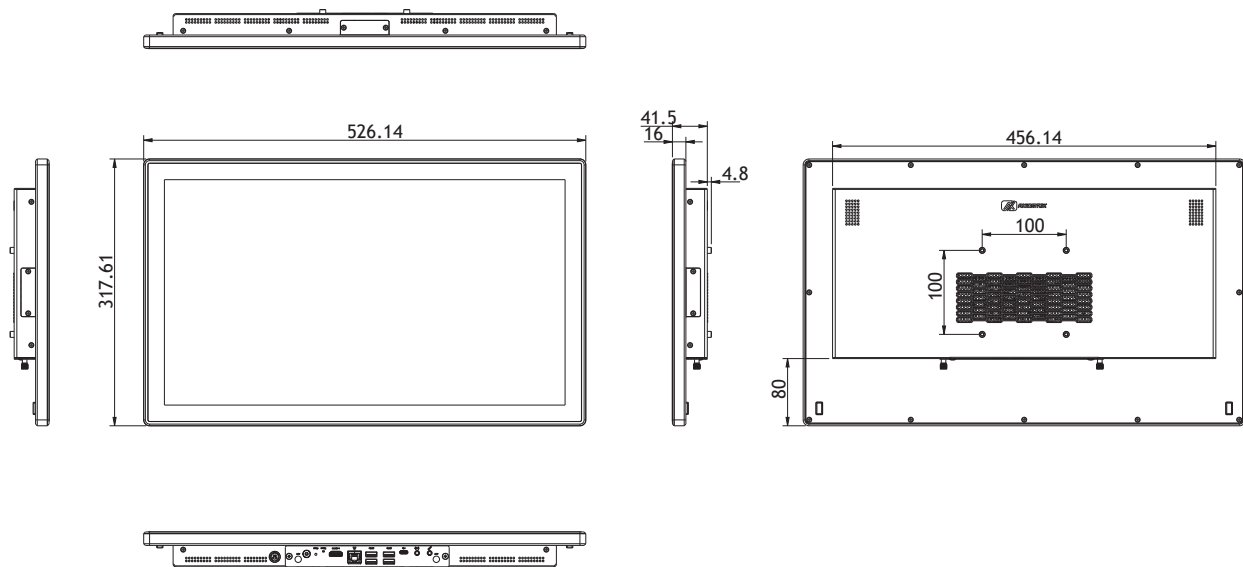
59905000000E AC power cord Australia, L=1830 mm

59918000000E AC power cord Brazil, L=1830 mm

Optional OS Installation

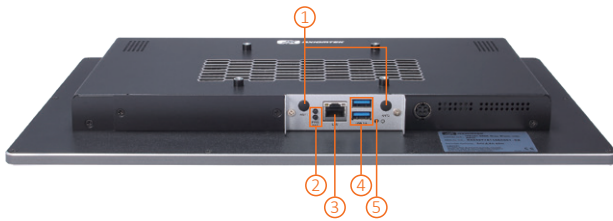
Windows® 10 IoT 64-bit

Dimensions



ITC241 NEW

23.8" FHD TFT LCD Slim Bezel Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card



- | | |
|---------------------------------|---------------|
| 1. Antenna reserved holes | 3. LAN |
| 2. Power Button
Reset Button | 4. 2 x USB3.0 |
| | 5. Status LED |

Features

- 23.8" FHD TFT LCD
- 16:9 aspect ratio; 250 nits brightness
- Diamond-cut slim bezel under 47.5 mm thickness
- Projected capacity touch supported (10-point touch)
- Swappable Intel® SDM CPU card
- Modular design for various applications
- Supports an add-on RFID reader, barcode scanner, and camera modules (optional)
- Supports a thermal printer (optional)
- Supports desktop stand, floor stand, and wall mount (optional)



Specifications

LCD Panel	Display Type	23.8" FHD TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1920 (H) x 1080 (V)
	Aspect Ratio	16:9
Main System	Intel® SDM Small (SDM-S, 60 x 100 mm) Intel® SDM Large (SDM-L, 175 x 100 mm)	
I/O Connector (Depends on SDM I/O)	SDM500L	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input 2 x SMA antenna reserved hole
	SDM300S	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Touchscreen	Projected capacitive multi-touch	
Stereo Speaker	2 x S.P.L. 88dB, 1.5W, 4 ohm	
Power Supply	24V AC to DC power adapter	
Power Consumption	Average 65W	
Dimensions	580.3mm (22.8") x 47.5mm (1.9") x 354.7mm (14")	
Weight (net)	9.8kg (21.6 lb)	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	20% - 90%, non-condensing	
Certifications	CE, FCC Class A	

CPU Card Selection: SDM300-S

CPU	Quad-core Intel® Pentium® N4200 1.1GHz processor or dual-core Intel® Celeron® N3350 1.1GHz processor	
System Memory	Onboard LPDDR4 2400 MHz 4GB (8GB optional)	
BIOS	AMI UEFI BIOS	
Storage	eMMC 64GB onboard	
Watchdog Timer	255 levels, 1 to 255 sec.	
Onboard Graphics	Intel® HD Graphics 505/500 (depending on CPU card)	
I/O Connector	Rear Side	1 x GbE LAN 2 x USB 3.0 Type A 2 x SMA antenna reserved hole
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)	

CPU Card Selection: SDM500-L

CPU	Intel® Celeron® 4305UE 2.0GHz processor or Intel® Core™ processor (optional)	
System Memory	2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB	
BIOS	AMI UEFI BIOS	
Storage	1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot	
Watchdog Timer	255 levels, 1 to 255 sec.	
Onboard Graphics	Intel® UHD Graphics 620/610 (depending on CPU card)	
I/O Connector	Rear Side	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Micphone input
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)	

Ordering Information

Standard

ITC241-SDM300S- N4200 (P/N: TBD)	23.8-inch FHD PCAP touch slim bezel panel with SDM300S Intel® Pentium® N4200 processor, onboard DDR4 4G, eMMC 64GB, 1 LAN, 2 USB 3.0, and 2 speaker
ITC241-SDM500L-i5-8365UE (P/N: TBD)	23.8-inch FHD PCAP touch slim bezel panel with SDM500L Intel® Core™ i5 8365UE processor, 2 SO-DIMM slot, 2 M.2 SSD slot, 1 LAN, 4 USB 3.0, 2 speaker, and 1 Mic-in/Line-out

*Other SDM module by request.

Packing List

1 x ITC241 with SDM module
1 x Adaptor

Optional Accessories

RFID module

Barcode scanner module

Camera module

Thermal printer with counter-top stand or floor stand

SSD M.2 2280-B-M (SDM500L)

SSD M.2 2242-B (SDM500L)

DDR4 SO-DIMM: 4GB~32GB (SDM500L)

822T1500050E Mounting kit

8812T1500A0E Wi-Fi kit

59903000000E AC power cord EU, L=1830 mm

59902000000E AC power cord US, L=1830 mm

59909010000E AC power cord China, L=1830 mm

59906000010E AC power cord Japan, L=1830 mm

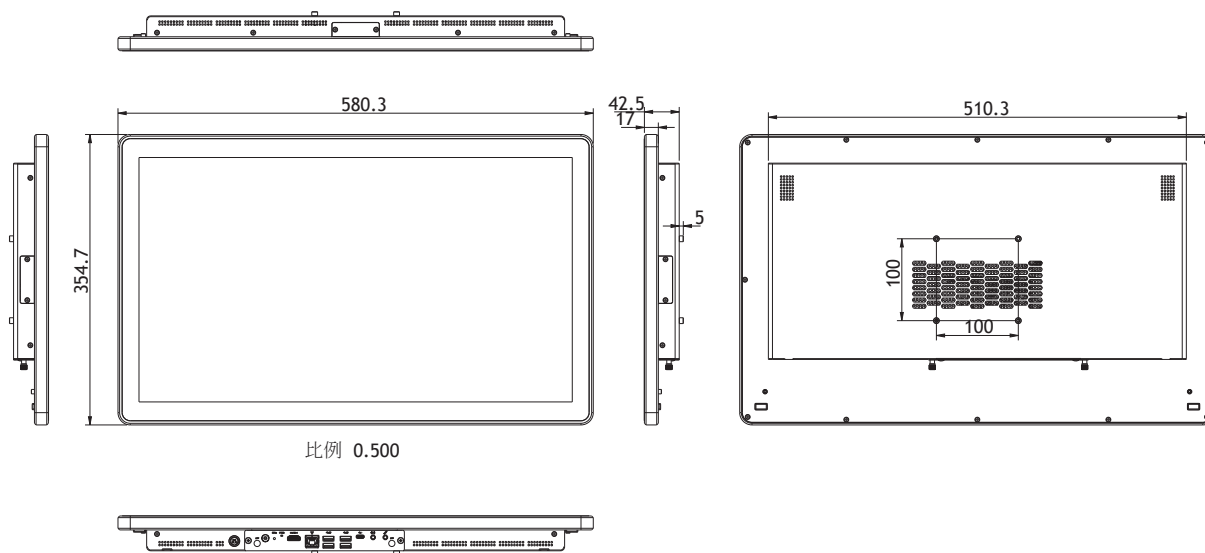
59905000000E AC power cord Australia, L=1830 mm

59918000000E AC power cord Brazil, L=1830 mm

Optional OS Installation

Windows® 10 IoT 64-bit

Dimensions



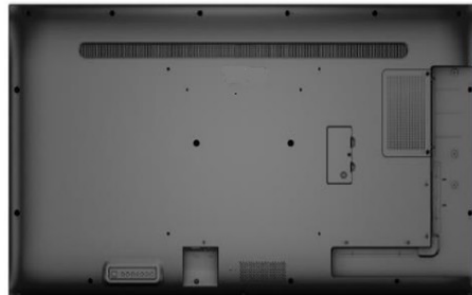
ITC550 NEW

55" 4K TFT LCD Modular Panel PC with Intel® Smart Display Module (SDM) CPU Card



Features

- 55" UHD TFT LCD
- 16:9 aspect ratio; 500 nits brightness
- 4K resolution (3840 x 2160) ; contract ratio 1200:1
- Wide viewing angle 178°/178°
- Supports IR touch (10-point touch) (optional)
- Swappable Intel® SDM CPU card design
- Two 10W loudspeakers
- Supports landscape and portrait orientation



Specifications

LCD Panel	Display Type	55" 4K Ultra HD TFT LCD
	Brightness (cd/m ²)	500 nits
	Resolution	3840 (H) x 2160 (V)
	Aspect Ratio	16:9
Main System	Intel® SDM Large (SDM-L, 175 x 100 mm)	
I/O Connector	SDM500L	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input 2 x SMA antenna reserved hole
Touchscreen	10-point IR touch (optional)	
Stereo Speaker	2 x 10W loudspeaker	
Power Consumption	Average up to 280W	
Dimensions	Touch: 1272 mm (50.1") x 75 mm (3.0") x 743 mm (29.3")	
	Non-touch: 1242 mm (49.8") x 64 mm (2.5") x 713 mm (28.1")	
Weight (net)	Touch: 21.1 kg	
	Non-touch: 16.7 kg	
Operating Temperature	0°C to +40°C (+32°F to +104°F)	
Operating Humidity	20% - 90%, non-condensing	
Certifications	CE, FCC Class A, and CB	

CPU Card Selection: SDM500-L

CPU	Quad-core Intel® Core™ i5-8365UE 1.6GHz processor or dual-core Intel® Celeron® 4305UE 2.0GHz processor (depending on CPU card)	
System Memory	2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB	
BIOS	AMI UEFI BIOS	
Storage	1 x M.2 Key M 2280 slot 1 x M.2 Key B 2242 slot	
Watchdog Timer	255 levels, 1 to 255 sec.	
Onboard Graphics	Intel® UHD Graphics 620/610 (depending on CPU card)	
I/O Connector	Rear Side	1 x Power button with LED 1 x GbE LAN 4 x USB 3.0 Type A 1 x Audio output 1 x Microphone input 2 x SMA antenna reserved hole
Expansion Interface	1 x M.2 Key E 2230 slot (for Wi-Fi)	

Ordering Information

Standard

ITC550-500L	55" 4K Ultra HD modular panel PC with SDM500L (Intel® Core™ i5-8365UE or Celeron® 4305UE processor)
-------------	---

Optional

Wall mount kit	
SSD M.2 2280-B-M (SDM500L)	
SSD M.2 2242-B (SDM500L)	
DDR4 SO-DIMM: 4GB~32GB (SDM500L)	
599000001100	AC power cord US, L=1830 mm
59903000000E	AC power cord EU, L=1830 mm
59909010000E	AC power cord China, L=1830 mm
59906000010E	AC power cord Japan, L=1830 mm
59905000000E	AC power cord Australia, L=1830 mm
59918000000E	AC power cord Brazil, L=1830 mm

Optional OS Installation

Windows® 10 IoT 64-bit

6

Industrial Touch Monitors

The P6000 product series offers flexible options of resistive or projective capacitive touch screens for ease and practicality of use. The P6000 products are ideal solutions for use in industrial automation and control systems, building automation, machinery manufacturing environments, self-service kiosks, and other HMI applications.

Selection Guide		118
P6103W-V3	10.1" WXGA TFT Widescreen Industrial LCD Monitor	121
P6121-V3	12.1" XGA TFT Industrial LCD Monitor	124
P6151-V3	15" XGA TFT Industrial LCD Monitor	127
P6157W-V3	15.6" WXGA TFT Widescreen Industrial LCD Monitor	130
P6171-V3	17" SXGA TFT Industrial LCD Monitor	133
P6187W-V3	18.5" WXGA TFT Widescreen Industrial LCD Monitor	136
P6191-V3	19" SXGA TFT Industrial LCD Monitor	139
P6217W-V3	21.5" FHD TFT Widescreen Industrial LCD Monitor	142

Industrial Panel PCs

Industrial Touch Monitors

Selection Guide



Features\Models	P6103W-V3	P6121-V3	P6151-V3
Display Type	10.1" WXGA TFT	12.1" XGA TFT	15" XGA TFT
Front Bezel	Flat, NEMA 4/12 (IP65)-compliant	NEMA 4/12 (IP65)-compliant	NEMA 4/12 (IP65)-compliant
Max. Colors	16.7M	16.2M	16.2M
Active Area (mm)	216.96 x 135.60	245.76 x 184.32	304.128 x 228.096
Max. Resolution	1280 x 800	1024 x 768	1024 x 768
Pixel Pitch (H x V, mm)	0.1695 x 0.1695	0.24 x 0.24	0.297 x 0.297
Backlight	LED	LED	LED
Backlight MTBF (hrs)	25,000	30,000	30,000
Viewing Angle (H/V)	170°/170°	160°/140°	160°/160°
Response Time	25ms	16ms	16ms
Contrast Ratio	800 (TYP)	1000 (TYP)	800 (TYP)
Brightness (cd/m2)	350 nits	500 nits	420 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x Screw type connector 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in	1 x Power input with terminal block 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in	1 x Screw type connector 1 x Power input with terminal block (optional) 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in
Touchscreen	Projective capacitive multi-touch	5-wire resistive touch	5-wire resistive touch
Power Consumption	12W	22W	14W
Power Adapter	Screw-type 100 to 240 VAC-DC, 12V3A, 36W power adapter	24VDC with terminal block	AC version: Screw-type 100- 240 VAC-DC, 12V3A, 36W power adapter DC version: 24VDC with terminal block
Dimensions (W x H x D)	260.8 x 194.1 x 38 mm (10.27" x 7.64" x 1.5")	311.81 x 250.31 x 54.95mm (12.28" x 9.85" x 2.16")	377.9 x 309.3 x 58 mm (19.69" x 12.18" x 2.28")
Weight (net/gross)	1.036 kg (2.28 lb)/1.6 kg (3.53 lb)	2.35 kg (5.18 lb)/2.8 kg (6.17 lb)	3.7 kg (8.15 lb)/5.9 kg (13 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Panel/wall/VESA mount	Panel/wall/VESA mount	Panel/wall/VESA mount
Certifications	CE	CE	CE

Industrial Touch Monitors

Selection Guide



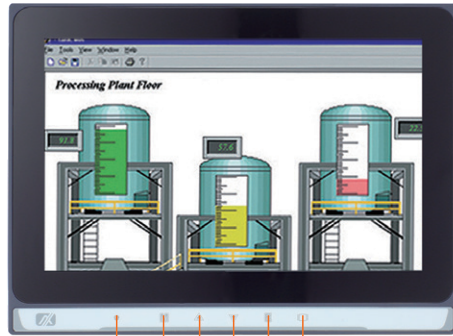
Features\Models	P6157W-V3	P6171-V3	P6187W-V3
Display Type	15.6" WXGA TFT	17" SXGA TFT	18.5" WXGA TFT
Front Bezel	Flat, NEMA 4/12 (IP65)-compliant	NEMA 4/12 (IP65)-compliant	Flat, NEMA 4/12 (IP65)-compliant
Max. Colors	16.7M	16.2M	16.7M
Active Area (mm)	344.232 x 193.536	337.92 x 270.33	409.8 x 230.4
Max. Resolution	1366 x 768	1280 x 1024	1366 x 768
Pixel Pitch (H x V, mm)	0.252 x 0.252	0.264 x 0.264	0.300 x 0.300
Backlight	LED	LED	LED
Backlight MTBF (hrs)	50,000	30,000	50,000
Viewing Angle (H/V)	170°/160°	170°/160°	170°/160°
Response Time	8ms	5ms	8ms
Contrast Ratio	500 (TYP)	1000 (TYP)	1000 (TYP)
Brightness (cd/m2)	400 nits	250 nits	450 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x Screw type connector 1 x Power input with terminal block (optional) 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in	1 x Screw type connector 1 x Power input with terminal block (optional) 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in	1 x Screw type connector 1 x Power input with terminal block (optional) 1 x USB for touch 1 x VGA 1 x HDMI 1 x DP 1 x Line-in
Touchscreen	Projective capacitive multi-touch	5-wire resistive touch	Projective capacitive multi-touch
Power Consumption	17W	19W	21W
Power Adapter	AC version: Screw-type 100 to 240 VAC-DC, 12V3A, 36W power adapter DC version: 24VDC with terminal block	AC version: Screw-type 100 to 240 VAC-DC, 12V3A, 36W power adapter DC version: 24VDC with terminal block	DC version: 24VDC with terminal block
Dimensions (W x H x D)	397 x 247 x 54 mm (15.63" x 9.72" x 2.13")	410 x 338.3 x 58 mm (16.15" x 13.32" x 2.28")	460 x 285 x 53.2 (18.11" x 11.22" x 2.09")
Weight (net/gross)	4.1 kg (9.1 lb)/6.1 kg (13.44 lb)	4.45 kg (9.82 lb)/6.71 kg (14.8 lb)	7.56 kg (16.67 lb)/ 8.92 kg (19.67 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)	0°C to +45°C (+32°F to +113°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Panel/wall/VESA mount	Panel/wall/VESA mount	Panel/wall/VESA mount
Certifications	CE	CE	CE



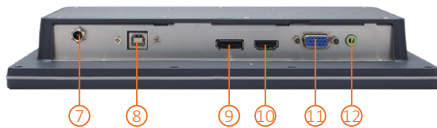
Features\Models	P6191-V3	P6217W-V3
Display Type	19" SXGA TFT	21.5" FHD TFT
Front Bezel	NEMA 4/12 (IP65)-compliant	Flat, NEMA 4/12 (IP65)-compliant
Max. Colors	16.7M	16.7M
Active Area (mm)	376.32 x 301.06	476.064 x 267.786
Max. Resolution	1280 x 800	1920 x 1080
Pixel Pitch (H x V, mm)	0.294 x 0.294	0.24795 x 0.24795
Backlight	LED	LED
Backlight MTBF (hrs)	30,000	50,000
Viewing Angle (H/V)	170°/160°	178°/178°
Response Time	5ms	22ms
Contrast Ratio	1000 (TYP)	1000 (TYP)
Brightness (cd/m2)	250 nits	250 nits
Display Control	OSD	OSD
I/O Connectors	1x Screw type connector 1 x Power input with terminal block (option) 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in	1x Screw type connector 1 x Power input with terminal block (option) 1 x USB for touch 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Line-in
Touchscreen	5-Wire resistive touch	Projective capacitive multi-touch
Power Consumption	17W	21W
Power Adapter	DC version: 24VDC with terminal block	AC version: 100 to 240 VAC-DC, 36W power adapter DC version: 24VDC with terminal block
Dimensions (W x H x D)	482 x 55 x 380 mm (18.98" x 2.17" x 14.96")	547.6 x 339.1 x 52.6 mm (21.56" x 13.35 x 2.07")
Weight (net/gross)	6 kg (13.23 lb)/7.5 kg (16.53 lb)	7.56 kg (16.67 lb)/8.92 kg (19.67 lb)
Operating Temperature	0°C to +45°C (+32°F to +113°F)	0°C to +50°C (+32°F to +122°F)
Mounting	Panel/wall/VESA mount	Panel/wall/VESA mount
Certifications	CE	CE

P6103W-V3

10.1" WXGA TFT Widescreen Industrial LCD Monitor



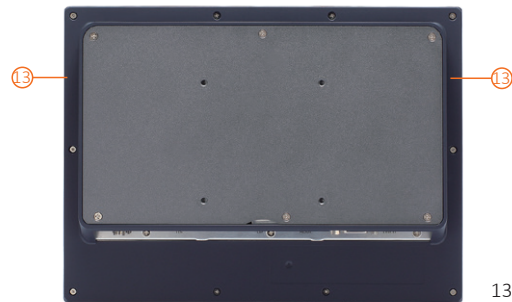
1. Power LED
2. Menu
3. SEL+
4. SEL-
5. Exit
6. Power switch



- | | |
|------------------------|---------------------|
| 7. 12 VDC power input | 10. HDMI |
| 8. USB touch interface | 11. VGA |
| 9. DisplayPort | 12. Audio (Line-in) |

Features

- 10.1" WXGA TFT LED backlight LCD
- Projected capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA arm
- Full range screw-type (locked) AC-in
- DP, VGA, and HDMI with multi-signal inputs



13. Speaker

▲ Rear view

Introduction

The P6103W-V3 is an ultra slim industrial LCD monitor, which adopts 10.1-inch 350 nits WXGA LED backlight LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. It features NEMA 4/12 and IP65 compliant front bezel, screw-type adaptor plug design. Moreover, the P6103W-V3 supports panel mount, wall mount or VESA FPM PMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and metal front bezel	
Mounting	Panel mount, wall mount or VESA arm FPM PMI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	10.1" WXGA TFT LCD
	Max. Resolution	1280 x 800
	Max. Colors	16.7M
	Active Area (mm)	216.96 x 135.60
	Pixel Pitch (mm)	0.1695 x 0.1695
	Response Time	25ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	170°/170°
	Contrast Ratio	800 (TYP.)
Brightness (cd/m ²)	350 nits	

Display Control	OSD (on screen display)
Input Signal	DisplayPort VGA HDMI Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with screw type connector
Audio	2 x Speaker
Power Adapter	AC version: 100 to 240 VAC-DC, 12V3A, 36W power adapter
Power Consumption	12W
Touchscreen	Projected capacitive multi-touch
Dimensions	260.8 mm (10.27") (W) x 38 mm (1.5") (D) x 194.1 mm (7.64") (H)
Packing Dimensions	415 mm (16.33") (W) x 99 mm (3.9") (D) x 313 mm (12.32") (H)
Weight (net/gross)	1.036 kg (2.28 lbs)/1.6 kg(3.53 lbs)
Environment	Operating temperature: 0°C to +50°C (+32°F to +122°F) Relative humidity: 10% to 90% @ +40°C, non-condensing
Packing List	1 x P6103W-V3 unit 1 x VGA cable 1 x USB cable for touch 1 x Audio cable 1 x Adapter (AC version only)
Certificate	CE

Ordering Information

P6103WPC-AC-U-V3 (P/N: E226103105)	10.1" industrial monitor with capacitive touch screen and AC version
---------------------------------------	--

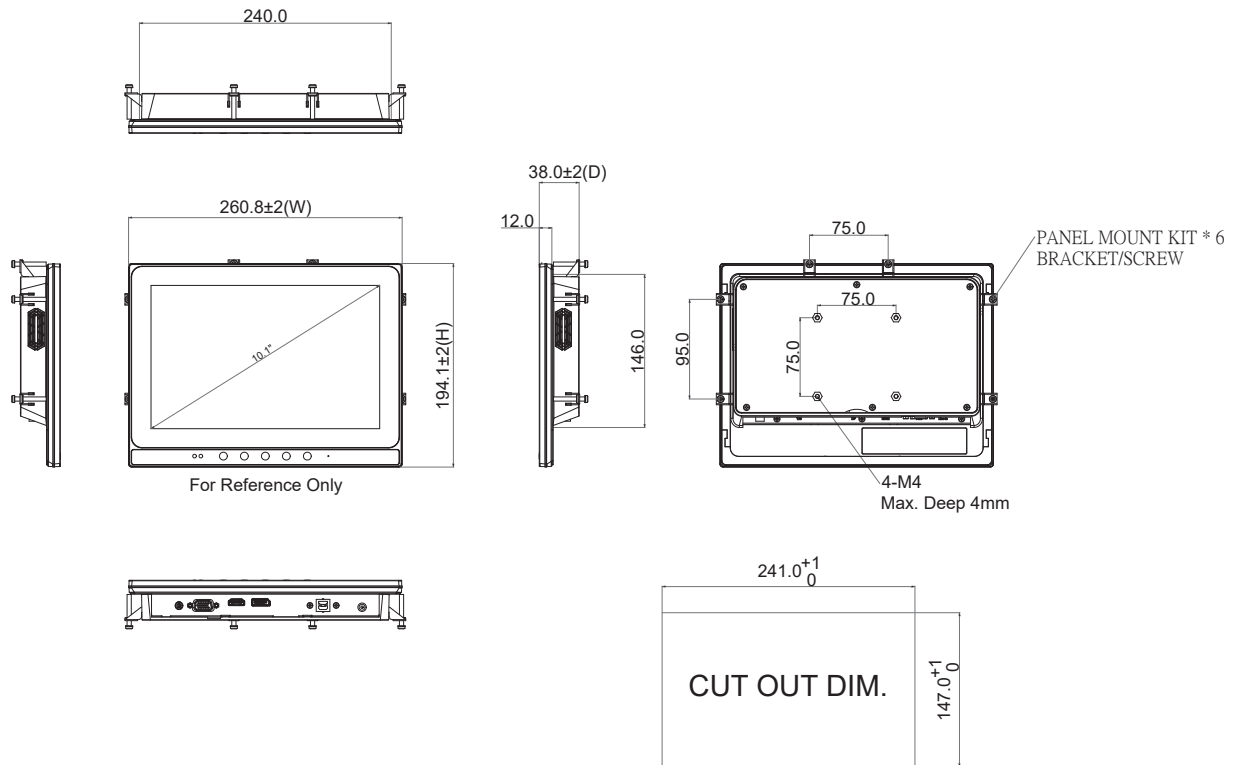
*Other configuration by request

*Specification and certifications may vary based on different requirements

Optional Accessories

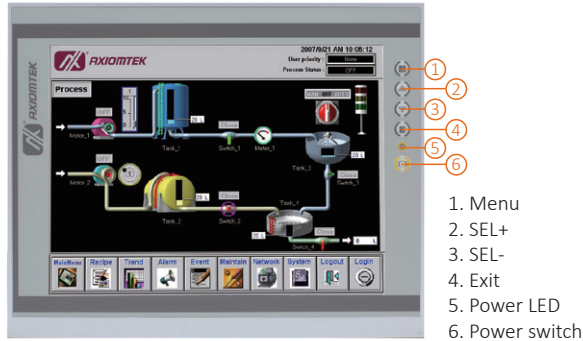
590000012700	HDMI cable
59461713910E	DisplayPort cable
82251030100E	Panel mount kit
82238460050E	Wall mount kit
E226171119	Desktop stand

Dimensions

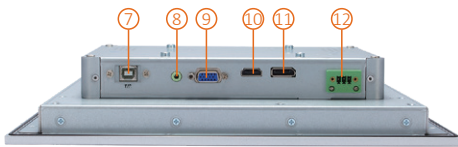


P6121-V3

12.1" XGA TFT Industrial LCD Monitor



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch



7. USB touch interface
8. Audio (Line-in)
9. VGA
10. HDMI
11. DisplayPort
12. 24 VDC power input

Features

- 12.1" XGA TFT LED backlight LCD
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA arm
- Resistive touchscreen
- 24 VDC power input
- HDMI, DisplayPort, and VGA with multi-signal inputs



▲ Ultra-slim mechanism design

Introduction

The P6121-V3 is an ultra slim industrial LCD monitor, which adopts 12.1-inch 500 nits XGA LED backlight LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring NEMA 4/12 and IP65-rated compliant front bezel, 24VDC power input. Moreover, the P6121-V3 supports panel mount, wall mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and metal front bezel	
Mounting	Panel mount, wall mount or VESA arm FPMPMI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	12.1" XGA TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.7M
	Active Area (mm)	245.76 x 184.32
	Pixel Pitch (mm)	0.24 x 0.24
	Response Time	25ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	178°/178°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	500 nits

Display Control	OSD (on screen display)
Input Signal	DP VGA HDMI Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Adapter	DC version: 24VDC
Power Consumption	22W
Touchscreen	5-wire resistive touch
Dimensions	311.81 mm (12.28") (W) x 54.95 mm (2.16") (D) x 250.31 mm (9.85") (H)
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.71") (D) x 547 mm (21.53") (H)
Weight (net/gross)	2.35 kg (5.18 lbs)/2.8 kg (6.17 lbs)
Environment	Operating temperature: 0°C to +50°C (+32°F to +122°F) Relative humidity: 10% to 90% @ +40°C, non-condensing
Packing List	1 x P6121-V3 unit 1 x VGA cable 1 x USB cable for touchscreen 1 x Audio cable
Certificate	CE

Ordering Information

P6121PR-DC-U-V3 (P/N: E226121114)	12.1" industrial monitor with resistive touch screen and DC version
--------------------------------------	---

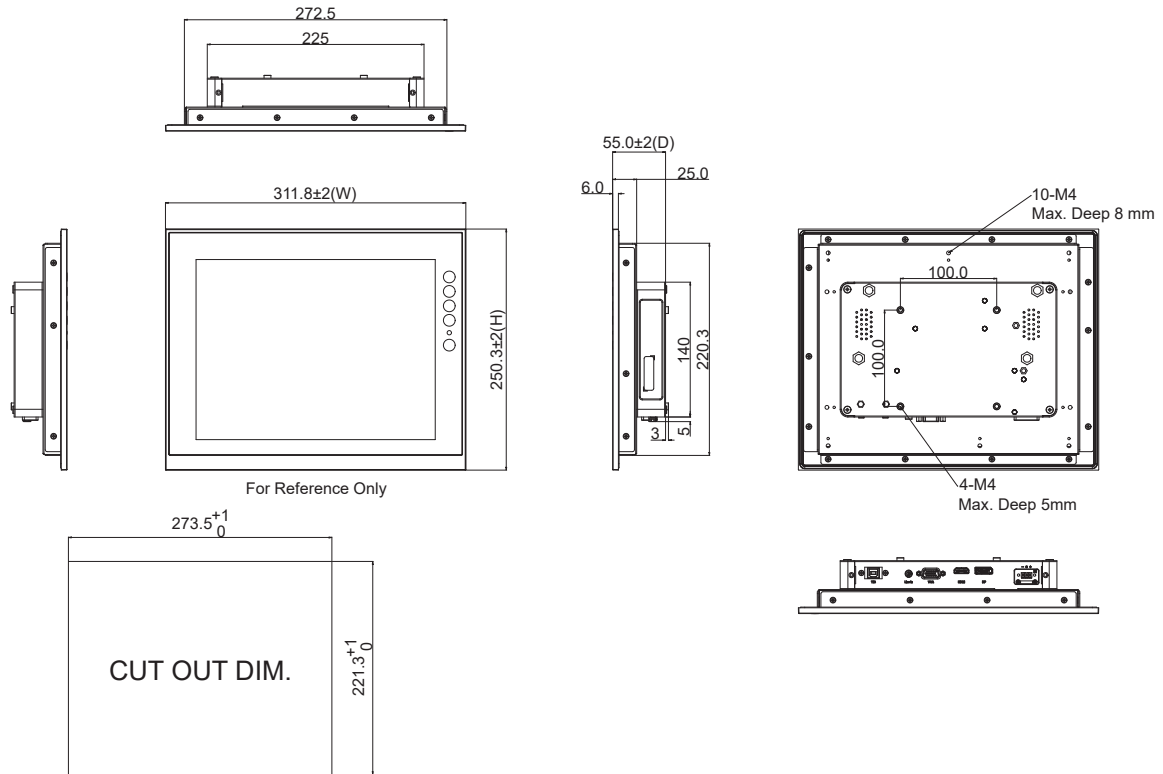
* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

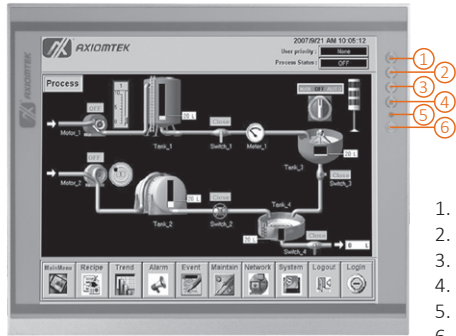
50966224010E	Adaptor 24V/120W, wire only
59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
590000012700	HDMI cable
59461713910E	DisplayPort cable
82261210000E	Panel mount kit
82231770050E	Wall mount kit
E226171119	Desktop stand

Dimensions

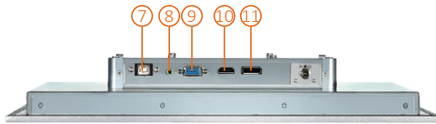


P6151-V3

15" XGA TFT Industrial LCD Monitor



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch



7. USB touch interface
8. Audio (Line-in)
9. VGA
10. HDMI
11. DisplayPort

Features

- 15" XGA TFT 420 nits LCD
- Resistive touch
- NEMA 4/12 (IP65) compliant front bezel
- Full range screw-type (locked) AC-in or 24 VDC in (optional)
- HDMI, DisplayPort, and VGA with multi-signal inputs
- Supports panel mount, wall mount, and VESA mount
- Built-in speakers



▲ Ultra-slim mechanism design

Introduction

The P6151-V3 is an ultra slim industrial LCD monitor, which adopts 15-inch 420 nits XGA LED backlight LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring, screw-type adaptor plug design, and 12V/24V DC-in means it is fit for all kinds of industrial environments. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and metal front bezel	
Mounting	Panel mount, wall mount or VESA arm FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	15" XGA TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.2M
	Active Area (mm)	304.128 x 228.096
	Pixel Pitch (mm)	0.297 x 0.297
	Response Time	16ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	160°/160°
	Contrast Ratio	800 (TYP.)
	Brightness (cd/m ²)	420 nits

Display Control	OSD (on screen display)
Input Signal	DisplayPort VGA HDMI Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with screw type connector (AC version) 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Supply	AC version: 100- 240 VAC-DC, 12V3A, 36W power adapter DC version: 24 VDC
Power Consumption	14W
Touchscreen	5-wire resistive touch
Dimensions	377.9 mm (14.88") (W) x 58 mm (2.28") (D) x 309.3 mm (12.18") (H)
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.71") (D) x 547 mm (21.53") (H)
Weight (net/gross)	3.7 kg (8.15 lb)/5.9 kg (13 lb)
Environment	Operating temperature: 0°C to +50°C (+32°F to +122°F) Relative humidity: 10% to 90% @ +40°C, non-condensing
Packing List	1 x P6151-V3 unit 1 x VGA cable 1 x USB cable for touch 1 x Audio cable 1 x Adapter (AC Version) 1 x 3-pin Terminal block (DC version only)
Certificate	CE

Ordering Information

P6151PR-AC-U-V3 (P/N: E226151116)	15" industrial monitor with resistive touch screen (USB interface), and AC version
P6151PR-DC-U-V3 (P/N: E226151118)	15" industrial monitor with resistive touch screen (USB interface), and DC version

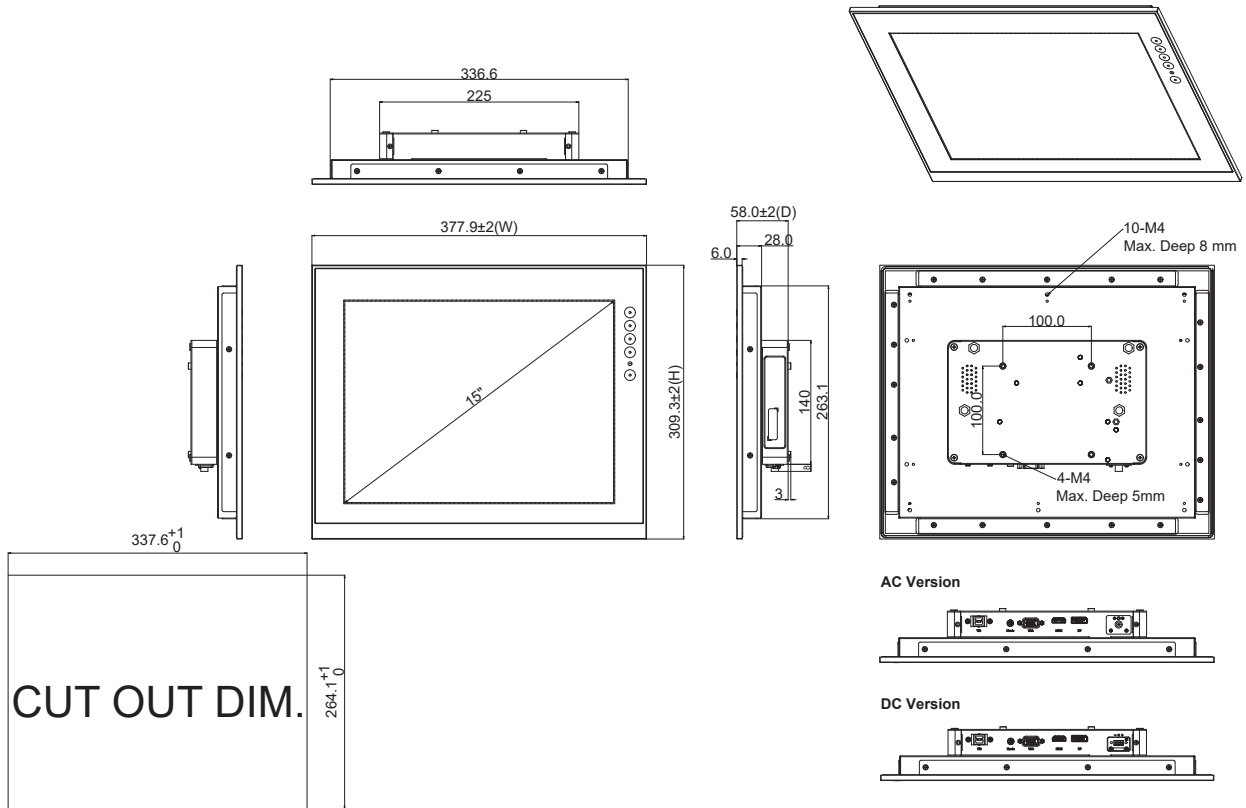
* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

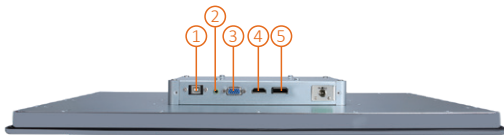
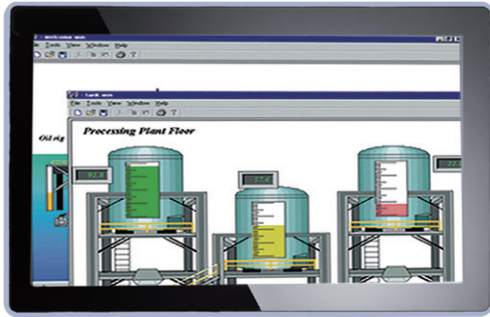
59902000030E	US 1.8M power cord
59904000050E	UK 1.83M power cord
59903000080E	EU 1.83M power cord
590000012700	HDMI cable
59461713910E	DisplayPort cable
881261510A0E	Panel mount kit
881231770A0E	Wall mount kit
E226171119	Desktop stand

Dimensions



P6157W-V3

15.6" WXGA TFT Widescreen Industrial LCD Monitor



1. USB touch interface
2. Audio (Line-in)
3. VGA
4. HDMI
5. DisplayPort

Features

- 15.6" WXGA TFT 400 nits LCD with projective capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA mount
- Full range screw-type (locked) AC-in or 24VDC in (optional)
- VGA, HDMI and DisplayPort, with multi-signal inputs



▲ Ultra-slim mechanism design

Introduction

The P6157W-V3 is a slim-type industrial LCD monitor with flat front bezel design, which adopts 15.6-inch 400 nits WXGA LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring IP65 (NEMA 4)-rated front bezel, screw-type adaptor plug design, and 12/24V DC-in, the 15.6-inch P6157W-V3 is designed to fit for all kinds of industrial environments. Moreover, the P6157W-V3 supports panel mount, wall mount or VESA FPM PMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, the P6157W-V3 can be deployed easily in any space-limited place. It is especially suitable for POI/POS, HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and flat front bezel	
Mounting	Panel mount, wall mount, and VESA arm FPM PMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	15.6" WXGA TFT LCD
	Max. Resolution	1366 x 768
	Max. Colors	16.7M
	Active Area (mm)	344.232 x 193.536
	Pixel Pitch (mm)	0.252 x 0.252
	Response Time	8ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	500 (TYP.)
Brightness (cd/m ²)	400 nits	

Display Control	OSD (on screen display)
Input Signal	VGA HDMI DisplayPort Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with screw type connector (AC version) 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Supply	AC version: 100 to 240 VAC-DC, 12V3A, 36W power adapter DC version: 24 VDC
Power Consumption	17W
Touchscreen	Projective capacitive multi-touch
Dimensions	396.8 mm (15.62") (W) x 54 mm (2.13") (D) x 247.1 mm (9.73") (H)
Packing Dimensions	535 mm (21.06") (W) x 196 mm (7.71") (D) x 485 mm (19.09") (H)
Weight (net/gross)	4.1 kg (9.1 lb)/6.1 kg (13.44 lb)
Operating temperature	0°C to +50°C (+32°F to +122°F)
Relative humidity	10% to 90% @ +40°C, non-condensing
Certifications	CE

Ordering Information

P6157W-V3

P6157WPC-AC-U-V3 (P/N: E226157127)	15.6" industrial monitor with capacitive touch screen and AC version
P6157WPC-DC-U-V3 (P/N :E226157129)	15.6" industrial monitor with capacitive touch screen and DC version

* Other configuration by request

* Specification and certifications may vary based on different requirements

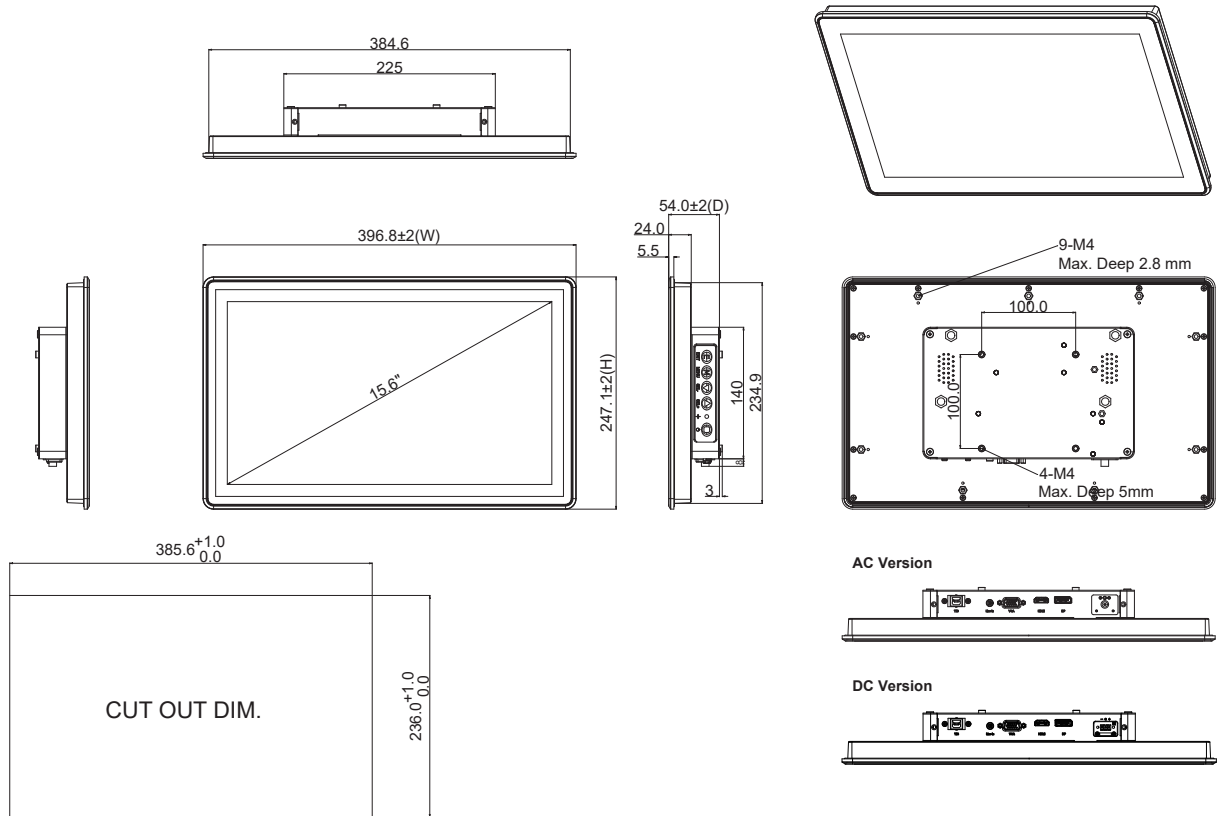
Packing List

1 x P6157W-V3 unit
1 x VGA cable
1 x USB cable for touch
1 x Audio cable
1 x Adapter (AC version only)
1 x 3-pin Terminal block (DC version only)

Optional Accessories

59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
590000012700	HDMI cable
59461713910E	DisplayPort cable
881261570A0E	Panel mount kit
881231770A0E	Wall mount kit
E221177116	Desktop stand for 15.6" to 21.5"

Dimensions

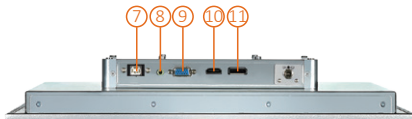


P6171-V3

17" SXGA TFT Industrial LCD Monitor



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch



7. USB touch interface
8. Audio (Line-in)
9. VGA
10. HDMI
11. DisplayPort

Features

- 17" SXGA TFT LED backlight LCD
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, rack mount, and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 24VDC in (optional)
- HDMI, DisplayPort, and VGA with multi-signal inputs



▲ Ultra-slim mechanism design

Introduction

The P6171-V3 is an ultra slim industrial LCD monitor, which adopts 17-inch 250 nits SXGA LED backlight LCD display and supports multi-signal interfaces including VGA, DisplayPort, and HDMI. Featuring NEMA 4/12 and IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-in means it is fit for all kinds of industrial environments. Moreover, the P6171-V3 supports panel mount, wall mount, rack mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and metal front bezel	
Mounting	Panel mount, wall mount, rack mount or VESA arm FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	17" SXGA TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.2M
	Active Area (mm)	337.92 x 270.33
	Pixel Pitch (mm)	0.264 x 0.264
	Response Time	5ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	250 nits

Display Control	OSD (on screen display)
Input Signal	DisplayPort VGA HDMI Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with screw type connector (AC version) 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Supply	AC version: 100- 240 VAC-DC 12V3A, 36W power adapter DC version: 24 VDC
Power Consumption	19W
Touchscreen	5-wire resistive touch
Dimensions	410 mm (16.15") (W) x 58 mm (2.28") (D) x 338.3 mm (13.32") (H)
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.71") (D) x 547 mm (21.53") (H)
Weight (net/gross)	4.45 kg (9.82 lb)/6.71 kg (14.8 lb)
Operating Temperature	0°C to +45°C (+32°F to +113°F)
Relative Humidity	10% to 90% @ +40°C, non-condensing
Certifications	CE

Ordering Information

P6171PR-AC-U-V3 (P/N: E226171122)	17" industrial resistive touch screen, AC version, and USB interface
P6171PR-DC-U-V3 (P/N: E226171123)	17" industrial resistive touch screen, DC version, and USB interface

* Other configuration by request

* Specification and certifications may vary based on different requirements

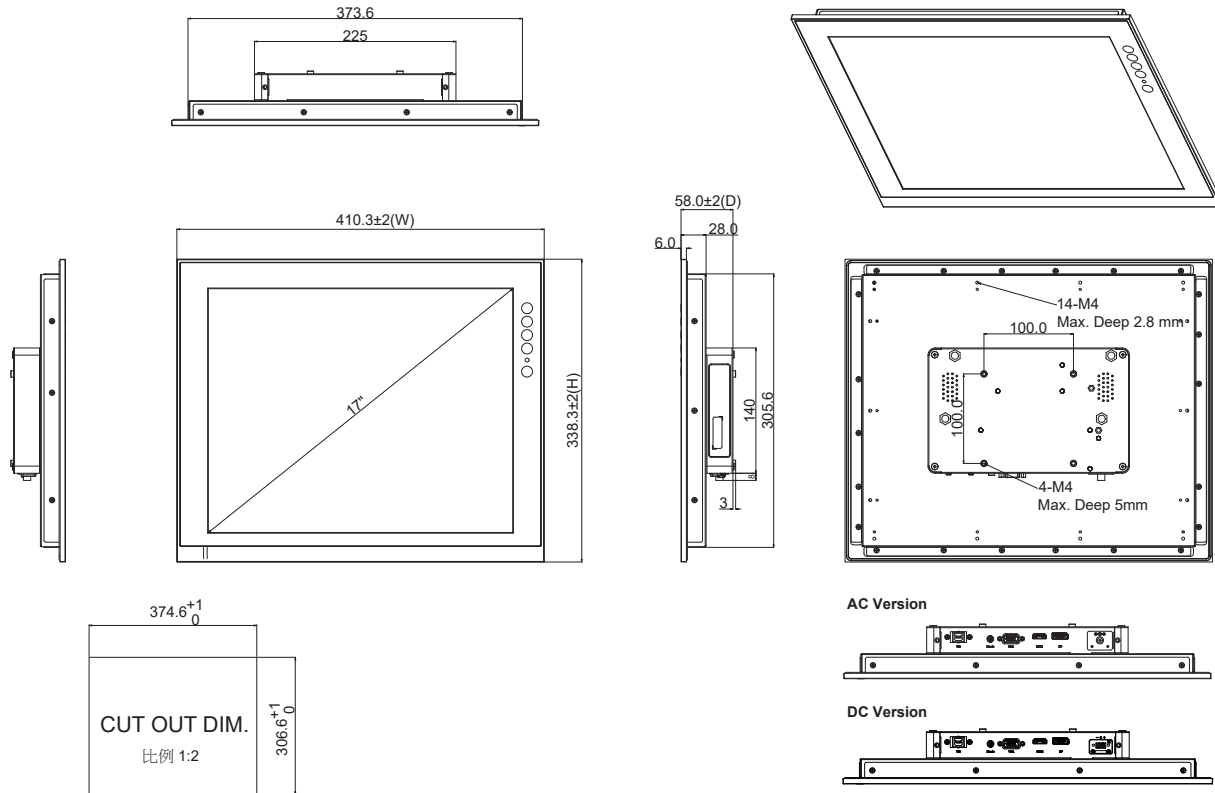
Packing List

1 x P6171-V3 unit
1 x VGA cable
1 x USB cable for touch
1 x Adaptor (for AC version only)
1 x Audio cable
1 x 3-pin Terminal block (DC version only)

Optional Accessories

59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
590000012700	HDMI cable
59461713910E	DisplayPort cable
881231770A0E	Wall mount kit
881261711A0E	Panel mount kit
881261710A0E	Rack mount kit
E221177116	Desktop stand for 15.6" to 21.5"

Dimensions



P6187W-V3

18.5" WXGA TFT Widescreen Industrial LCD Monitor



- | | |
|------------------------|-----------------------|
| 1. USB touch interface | 4. HDMI |
| 2. Audio (Line-in) | 5. DisplayPort |
| 3. VGA | 6. 24 VDC power input |

Features

- 18.5" WXGA TFT 450 nits with projective capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA mount
- 24 VDC power input
- VGA, HDMI and DisplayPort, with multi-signal inputs

Introduction

The P6187W-V3 is a slim-type industrial LCD monitor with flat front bezel design, which adopts 18.5-inch 450 nits full HD LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring IP65 (NEMA 4)-rated front bezel, 24VDC power input, the 18.5-inch P6187W-V3 is designed to fit for all kinds of industrial environments. Moreover, the P6187W-V3 supports panel mount, wall mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, the P6187W-V3 can be deployed easily in any space-limited place. It is especially suitable for POI/POS, HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and flat front bezel	
Mounting	Panel mount, wall mount, and VESA arm FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	18.5" WXGA TFT LCD
	Max. Resolution	1366 x 768
	Max. Colors	16.7M
	Active Area (mm)	409.8 x 230.4
	Pixel Pitch (um)	300 x 300
	Response Time	5ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	1000 (TYP.)
Brightness (cd/m ²)	450 nits	

Display Control	OSD (on screen display)
Input Signal	VGA HDMI DisplayPort Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Supply	DC Version: 24VDC
Power Consumption	21W
Touchscreen	Projective capacitive multi-touch
Dimensions	460 mm (18.11") (W) x 53.2 mm (2.09") (D) x 285 mm (11.22") (H)
Packing Dimensions	605 mm (23.81") (W) x 200 mm (7.87") (D) x 505 mm (19.88") (H)
Weight (net/gross)	7.56 kg (16.67 lb)/ 8.92 kg (19.67 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	10% to 90% @ +40°C, non-condensing
Certifications	CE

Ordering Information

P6187W

P6187WPC-DC-U-V3 (P/N: E226187111)	18.5" industrial monitor with capacitive touch screen and DC version
---------------------------------------	--

* Other configuration by request

* Specification and certifications may vary based on different requirements

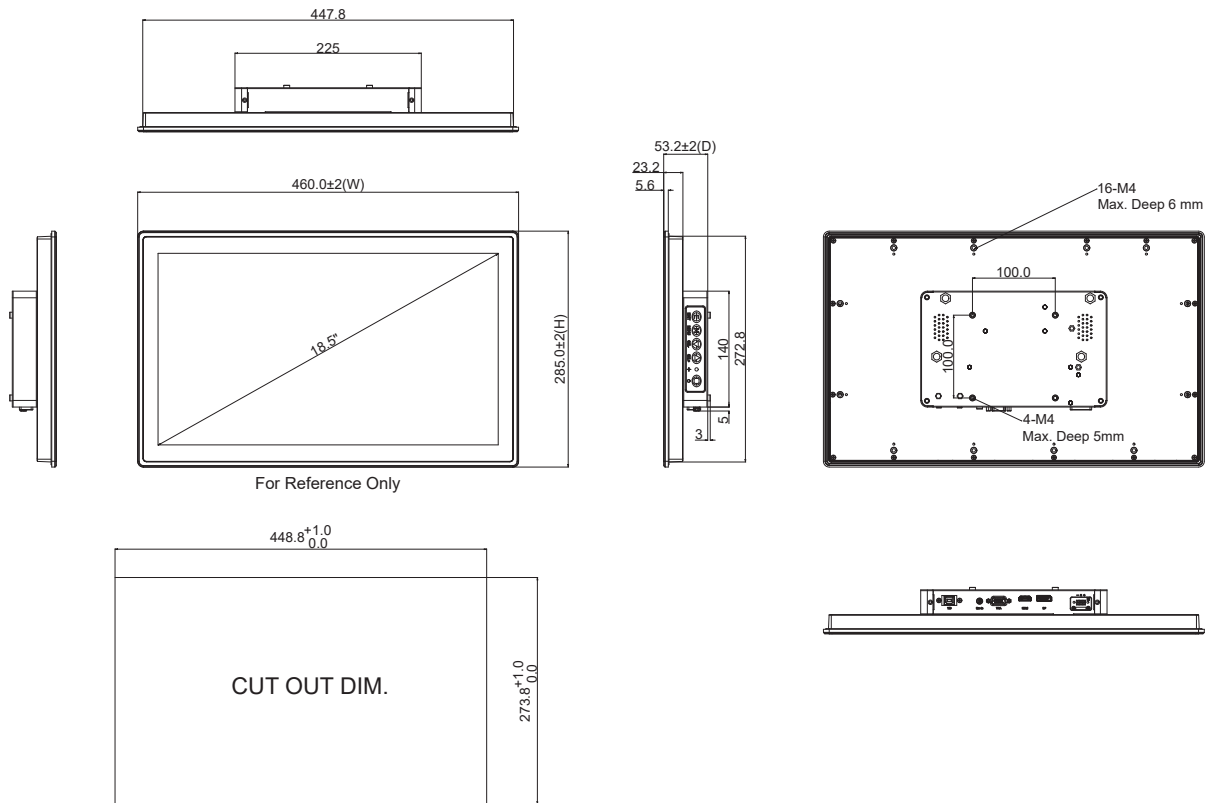
Packing List

1 x P6187W-V3 unit
1 x VGA cable
1 x USB cable for touch
1 x Audio cable
1 x 3-pin Terminal block (DC version only)

Optional Accessories

50966224010E	Adaptor 24V/120W,wire only
59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
590000012700	HDMI cable
59461713910E	DisplayPort cable
881262170A0E	Panel mount kit
881231770A0E	Wall mount kit
E221177116	Desktop stand for 15.6" to 21.5"

Dimensions

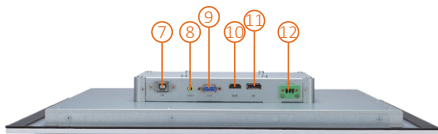


P6191-V3

19" SXGA TFT Industrial LCD Monitor



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch



- | | |
|------------------------|------------------------|
| 7. USB touch interface | 10. HDMI |
| 8. Audio (Line-in) | 11. DisplayPort |
| 9. VGA | 12. 24 VDC power input |

Features

- 19" SXGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount, rack mount, and VESA arm
- Resistive touchscreen
- 24 VDC power input
- VGA, HDMI, and DisplayPort with multi-signal inputs



▲ Ultra-slim mechanism design

Introduction

The P6191-V3 is an ultra slim industrial LCD monitor, which adopts 19-inch 350 nits SXGA LED backlight LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring NEMA 4/12 and IP65 compliant front bezel, 24 VDC power input. Moreover, the P6191-V3 supports panel mount, wall mount, rack mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and metal front bezel	
Mounting	Panel mount, wall mount, rack mount or VESA arm FPMPI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	19" SXGA TFT LED
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Active Area (mm)	376.32 x 301.06
	Pixel Pitch (mm)	0.294 x 0.294
	Response Time	5ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	1000 (TYP.)
Brightness (cd/m ²)	250 nits	

Display Control	OSD (on screen display)
Input Signal	DisplayPort VGA HDMI Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DP 1 x HDMI 1 x Power input with terminal block (DC version)
Power Adapter	DC version: 24VDC
Power Consumption	17 W
Touchscreen	5-wire resistive touch
Dimensions	482 mm (18.98") (W) x 55 mm (2.17") (D) x 380 mm (14.96") (H)
Packing Dimensions	625 mm (24.6") (W) x 260 mm (10.23") (D) x 600 mm (23.6") (H)
Weight (net/gross)	6 kg (13.23 lb)/7.5 kg (16.53 lb)
Environment	Operating temperature: 0°C to +45°C (+32°F to +113°F) Relative humidity: 10%- 90% @ +40°C, non-condensing
Packing List	1 x P6191-V3 unit 1 x VGA cable 1 x USB cable for touchscreen (for touch version) 1 x Audio cable
Certificate	CE

Ordering Information

P6191PR-DC-U-V3 (P/N: E226191115)	19" industrial resistive touch screen, DC version, and USB interface
--------------------------------------	--

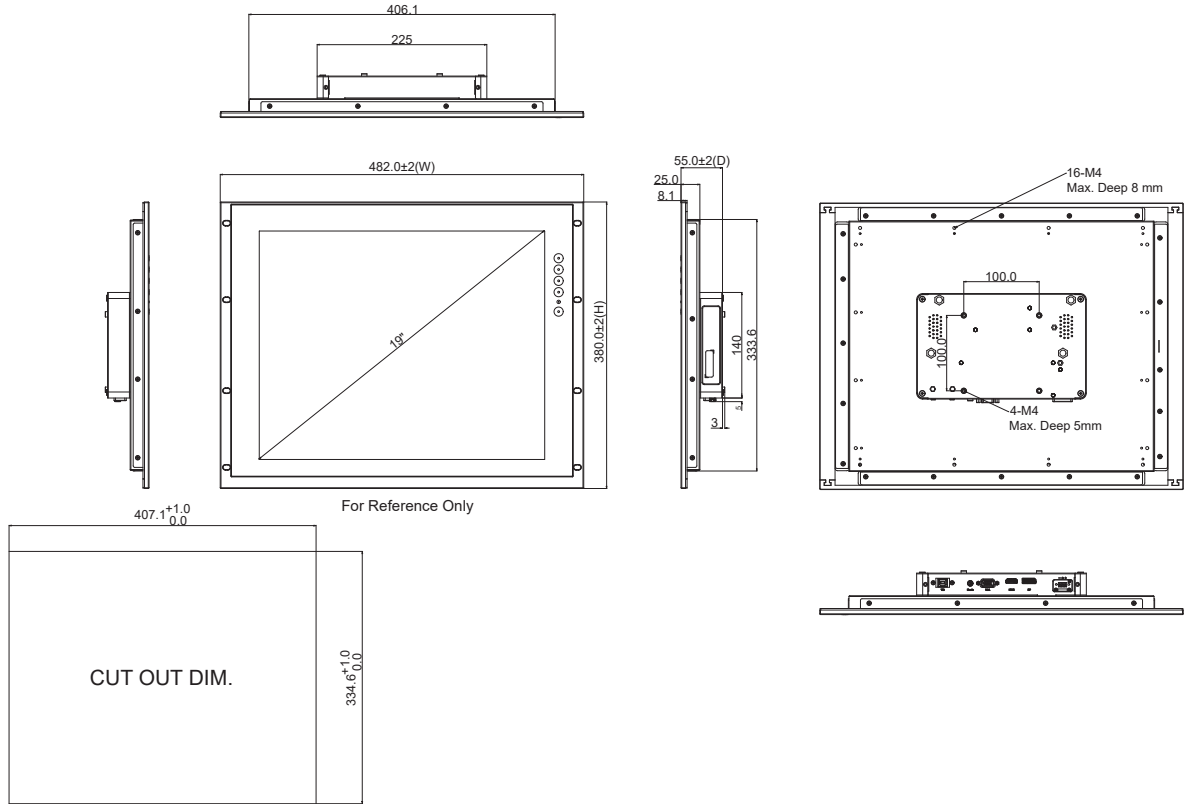
* Other configuration by request

* Specification and certifications may vary based on different requirements

Optional Accessories

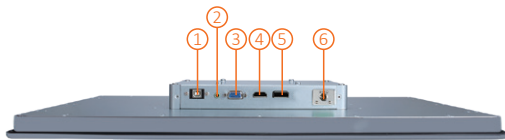
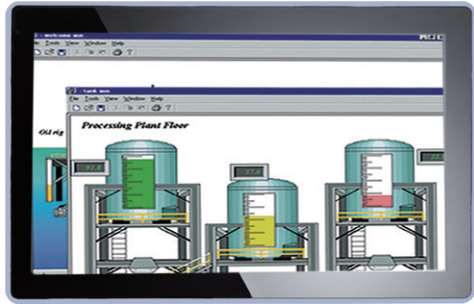
50966224010E	Adaptor 24V/120W, wire only
59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
590000012700	HDMI cable
59461713910E	DisplayPort cable
881261910A0E	Panel mount kit
881231770A0E	Wall mount kit
E221177116	Desktop stand

Dimensions



P6217W-V3

21.5" FHD TFT Widescreen Industrial LCD Monitor



1. USB for touch
2. Audio (Line-in)
3. VGA
4. HDMI
5. DisplayPort
6. Power input Terminal block or Screw type

Features

- 21.5" FHD TFT 250 nits with projective capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount, and VESA mount
- Full range screw-type (locked) AC-in or 24 VDC in (optional)
- VGA, HDMI, and DisplayPort with multi-signal inputs

Introduction

The P6217W-V3 is a slim-type industrial LCD monitor with flat front bezel design, which adopts 21.5-inch 250 nits full HD LCD display and supports multi-signal interfaces including DisplayPort, VGA, and HDMI. Featuring IP65 (NEMA 4)-rated front bezel, screw-type adaptor plug design, and 12/24V DC-in, the 21.5-inch P6217W-V3 is designed to fit for all kinds of industrial environments. Moreover, the P6217W-V3 supports panel mount, wall mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, the P6217W can be deployed easily in any space-limited place. It is especially suitable for POI/POS, HMI, and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant and flat front bezel	
Mounting	Panel mount, wall mount and VESA arm FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	21.5" FHD TFT LCD
	Max. Resolution	1920 x 1080
	Max. Colors	16.7M
	Active Area (mm)	476.064 x 267.786
	Pixel Pitch (um)	247.95 x 247.95
	Response Time	22ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	178°/178°
	Contrast Ratio	1000 (TYP.)
Brightness (cd/m ²)	250 nits	

Display Control	OSD (on screen display)
Input Signal	VGA HDMI DisplayPort Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA 1 x DisplayPort 1 x HDMI 1 x Power input with screw type connector (AC version) 1 x Power input with terminal block (DC version)
Audio	2 x Speaker
Power Supply	AC version: 100 to 240VAC-DC/36W power adapter DC version: 24VDC
Power Consumption	21W
Touchscreen	Projective capacitive multi-touch
Dimensions	547.6 mm (21.56") (W) x 52.6 mm (2.07") (D) x 339.1 mm (13.35") (H)
Packing Dimensions	720 mm (28.34") (W) x 215 mm (8.46") (D) x 555 mm (21.85") (H)
Weight (net/gross)	7.56 kg (16.67 lb)/ 8.92 kg (19.67 lb)
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Relative Humidity	10% to 90% @ +40°C, non-condensing
Certifications	CE

Ordering Information

P6217W

P6217WPC-AC-U-V3 (P/N: E226217106)	21.5" industrial monitor with capacitive touch screen and AC version
P6217WPC-DC-U-V3 (P/N: E226217107)	21.5" industrial monitor with capacitive touch screen and DC version

* Other configuration by request

* Specification and certifications may vary based on different requirements

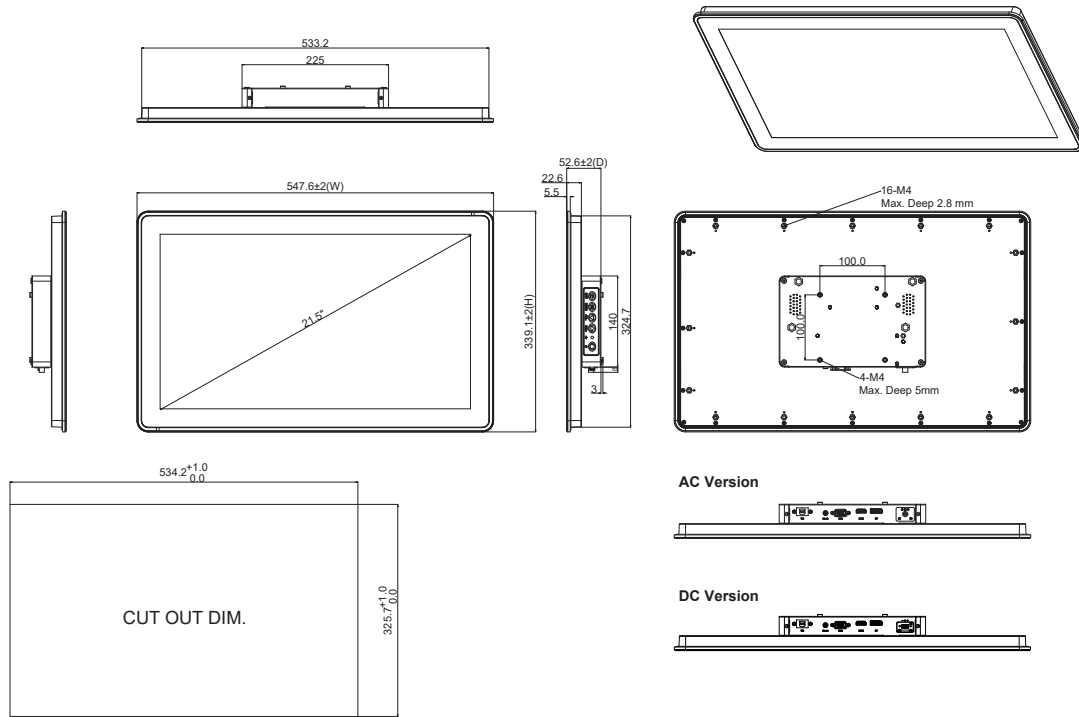
Packing List

1 x P6217W-V3 unit
1 x VGA cable
1 x USB cable for touch
1 x Audio cable
1 x Adapter (AC version only)
1 x 3-pin Terminal block (DC version only)

Optional Accessories

59902000030E	US 1.8M power cord
59904000050E	EK 1.83M power cord
59903000080E	EU 1.83M power cord
590000012700	HDMI cable
59461713910E	DisplayPort cable
881262170A0E	Panel mount kit
881231770A0E	Wall mount kit
E221177116	Desktop stand for 15.6" to 21.5"

Dimensions



7

Transportation Touch Panel Computers & Monitors

Axiomtek's GOT700 series is designed as a train operator interface to inform the train engineer about the status of the train's functions during operation. It complies with the EMC, shock and vibration test requirements of the European standard EN 50155 for railway applications. At mean time, The railway touchscreen monitor P700 series also meets EN 50155 standard and adopts a TFT LCD touchscreen with user friendly control interface. Its has extended temperature technology with a wide range from -25°C to +55°C and fanless cooling system with compact designs are suited for rolling stock applications as well as other harsh environments

Selection Guide		145
GOT710S	EN50155 S3 10.4" SVGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845 1.91 GHz (-40°C to +70°C)	148
GOT712S	EN50155 S3 12.1" XGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845 1.91 GHz (-40°C to +70°C)	151
 GOT715S	EN 50155 Compliant 15" XGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845 1.91 GHz (-25°C to +70°C)	154
P710	10.4" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)	157
P712	12.1" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)	160
 P7180	18.5" Full HD Open Frame Railway Monitor for Passenger Information System (PIS)	163

Industrial Panel PCs

Transportation Touch Panel Computers

Selection Guide



Features\Models	GOT710S	GOT712S	GOT715S
Display	10.4" SVGA TFT LCD, 1000 nits	12.1" XGA TFT LCD, 800 nits	15" XGA TFT LCD, 800 nits
CPU Level	Intel Atom® E3845 (1.91 GHz)	Intel Atom® E3845 (1.91 GHz)	Intel Atom® processor E3845 1.91 GHz
Chipset	SoC integrated	SoC integrated	SoC integrated
System Memory	DDR3L 4GB onboard	DDR3L 4GB onboard	DDR3L 4GB onboard
I/O	2 x Isolated M12 A-coded RS- 232/422/485 (isolation level 1.5kV) 2 x Isolated M12 X-coded GbE (isolation level 1.5kV) 1 x M12 A-coded USB 2.0 (2-port signal) 1 x M12 A-coded DC-in 1 x DB15 audio line-in, mic-in, speaker-out or line-out 1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV) 1 x Isolated DB9 CANbus (isolation level 1.5kV)	2 x Isolated M12 A-coded RS- 232/422/485 (isolation level 1.5kV) 2 x Isolated M12 X-coded GbE (isolation level 1.5kV) 1 x M12 A-coded USB 2.0 (2-port signal) 1 x M12 A-coded DC-in 1 x DB15 audio line-in, mic-in, speaker-out or line-out 1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV) 1 x Isolated DB9 CANbus (isolation level 1.5kV)	2 x Isolated M12 A-coded RS-232/422/485 (isolation level 1.5kV) 2 x Isolated M12 X-coded GbE (isolation level 1.5kV) 1 x M12 A-coded USB 2.0 (2 port signal) 1 x M12 A-coded DC-in 1 x DB15 audio line-in, mic-in, speaker-out or line-out 1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV) 1 x Isolated DB9 CANbus (isolation level 1.5kV)
Storage	16GB flash onboard 1 x mSATA (occupied 1 PCI Express Mini Card)	16GB flash onboard 1 x mSATA (occupied 1 PCI Express Mini Card)	16GB flash onboard 1 x mSATA (occupied 1 PCI Express Mini Card)
Expansion Interface	2 x Full-size PCI Express Mini Card slot (slot2 for mSATA use only)	2 x Full-size PCI Express Mini Card slot (slot2 for mSATA use only)	2 x Full-size PCI Express Mini Card slot (slot2 for mSATA use only)
Touchscreen	5-wire resistive touchscreen	5-wire resistive touchscreen	5-wire resistive touchscreen
Operating System	Windows® 7/10, Windows® 10 IoT	Windows® 7/10, Windows® 10 IoT	Windows® 7/10, Windows® 10 IoT
Power Supply	Typical 24 to 110 VDC EN 50155 S3 20ms power interruption protection	Typical 24 to 110 VDC EN 50155 S3 20ms power interruption protection	Typical 24 to 110 VDC EN 50155 S3 20ms power interruption protection compliant
Power Consumption	24-110VDC,1.4-0.29A	24-110VDC,1.7-0.32A	24-110VDC,1.28-0.26A
Watchdog Timer	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.	255 levels, 1 to 255 sec.
Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	IP65-rated aluminum front bezel and IP40-rated rear protection	IP65-rated aluminum front bezel and IP40-rated rear protection
Dimensions (W x D x H)	310 x 61.5 x 214 mm (12.20" x 2.42" x 8.43")	330 x 61.5 x 245 mm (12.99" x 2.42" x 9.65")	400 x 61.5 x 300 mm (15.75" x 2.42" x 11.81")
Weight (net/gross)	2.6 kg (5.73 lb)/4.4 kg (9.7 lb)	2.95 kg (6.50 lb)/5.35 kg (11.79 lb)	4.03 kg (8.89 lb) / 6.43 kg (14.18 lb)
Operating Temperature	-40°C to +70°C (-40°F to +158°F)	-40°C to +70°C (-40°F to +158°F)	-25°C to +70°C (-13°F to +158°F)
Mounting	Wall/VESA mount	Wall/VESA mount	Wall/VESA mount
Certifications	CE, FCC Class A, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified UIC-612-01 Keypad layout compliant	CE, FCC Class A, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified	CE/FCC Class A, EN 50155 compliant

Transportation Monitors

Selection Guide



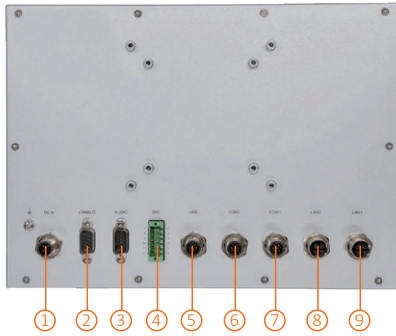
NEW



Features\Models	P710	P712	P7180
Display Type	10.4" XGA TFT LCD	12.1" XGA TFT LCD	18.5" FHD TFT LCD
Max. Colors	16.2M	16.7M	16.7M
Active Area (mm)	210.4 x 157.8	245.76 x 18432	408.96 x 203.04
Max. Resolution	1024 x 768	1024 x 768	1920 x 1080
Pixel Pitch (H x V, mm)	0.0685 x 0.2055	0.24 x 0.24	0.213 x 0.213
Backlight	LED	LED	LED
Backlight MTBF (hrs)	50,000	50,000	50,000
Viewing Angle (H/V)	176°/176°	178°/178°	178°/178°
Response Time	25ms	25ms	20ms
Contrast Ratio	1000 (TYP)	1000 (TYP)	1000 (TYP)
Brightness (cd/m2)	500 nits	600 nits	500 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x M12 A-coded Male 5-pin DC-in 1 x RS-232 for touch and remote control 1 x VGA 1 x HDMI 1 x DVI-D 1 x Line-in	1 x M12 A-coded Male 5-pin DC-in 1 x RS-232 for touch and remote control 1 x VGA 1 x HDMI 1 x DVI-D 1 x Line-in	1 x M12 A-coded Male 5-pin DC-in 1 x Remote control 1 x VGA 1 x HDMI 1 x DVI-D
Touchscreen	5-wire resistive touchscreen	5-wire resistive touchscreen	N/A
Power Consumption	24-110VDC, 0.6-0.13A	24-110VDC, 0.88-0.19A	24-110VDC, 1.4-0.29A
Power Supply	24 to 110 VDC power input	24 to 110 VDC power input	24 to 110 VDC power input
Dimensions (W x D x H)	310 x 49.2 x 214 mm (12.20" x 1.94" x 8.43")	330 x 50.2 x 245 mm (12.99" x 1.98" x 9.65")	442.6 x 46.2 x 266.8 mm (17.43" x 1.82" x 10.5")
Weight (net/gross)	1.85 kg (4.08 lb) /3.29 kg (7.26 lb)	2.3 kg (5.07 lb) /4.36 kg (9.62 lb)	3.41 kg (7.5 lb) /4.81 kg (10.6 lb)
Operating Temperature	-25°C to +55°C (-13°F to +131°F)	-25°C to +55°C (-13°F to +131°F)	-25°C to +55°C (-13°F to +131°F)
Mounting	Wall/VESA mount	Wall/VESA mount	Wall/VESA mount
Certifications	CE, FCC, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified	CE, FCC, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified	CE, FCC, EN 50155 compliant

GOT710S

EN50155 S3 10.4" SVGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845 1.91 GHz (-40°C to +70°C)



1. DC power input with isolation 1.5kV
2. CANbus with isolation 1.5kV
3. Audio (line-in, mic-in, speaker-out or line-out)
4. DIO (6-in/2-out with isolation 1.5kV)
5. 2 x USB 2.0
6. 1 x RS-232/422/485 with isolation 1.5kV
7. 1 x RS-232/422/485 with isolation 1.5kV
8. 1 x GbE with isolation 1.5kV
9. 1 x GbE with isolation 1.5kV

Features

- Sunlight readable 10.4" SVGA TFT LCD with 1000 nits of high brightness
- Intel Atom® processor E3845 1.91 GHz
- Alternative keypad control in the front bezel
- M12-type lockable connectors design
- Auto-dimming for different environments
- -40°C to +70°C wide temperature range
- Typical 24 to 110 VDC wide power input range, EN 50155 Class S3 20ms power interruption protection
- EN 50155, EN 45545-2 certified for railway application



▲ Side view



▲ Touch without keypad version

Introduction

The EN 50155 certified, GOT710S is equipped with a 10.4-inch SVGA TFT LCD with high brightness LED backlight (1000 nits), which allows a train operator to easily read any operational status messages, even under direct sunlight. Design for ease of use and maintenance, this all-in-one 10.4" railway touchscreen panel PC also has an alternative keypad control on the front bezel for easy access and cleaning purposes. This feature-rich panel PC has an IP65-rated front bezel, M12 connectors and is EN 50155 certified.

Wide Temperature (-40°C to +70°C)

The Intel Atom®-based railway panel PC, GOT710S, applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a high brightness TFT LCD display and compact design for transport heavy-duty environment.

Designed for Railway Application

The Axiomtek GOT710S is particularly suitable for demanding HMI applications in the railway sector, including tasks like monitoring and controlling as speed, temperature, and security, or for fleet management. To ensure the reliable operation in a variety of different locations, the 10.4-inch railway panel PC supports various mounting options: wall mount and VESA mount. Moreover, it is also ready for Windows® 10 IoT, Windows® 10, and 7.

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	10.4" SVGA TFT LCD
	Brightness (cd/m ²)	1000 nits
	Resolution	800 x 600
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel Atom® processor E3845 1.91 GHz (Bay Trail)
	Chipset	SoC integrated
	System Memory	DDR3L 4GB onboard
	BIOS	AMI
	Storage	16GB flash onboard 1 x mSATA
	Watchdog Timer	255 levels, 1 to 255 seconds
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x Isolated M12 A-coded RS-232/422/485 (isolation level 1.5kV)	
	2 x Isolated M12 X-coded GbE (isolation level 1.5kV)	
	1 x M12 A-coded USB 2.0 (2 port signal)	
	1 x M12 A-coded DC-in	
	1 x DB15 audio line-in, mic-in, speaker-out or line-out	
	1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV)	
	1 x Isolated DB9 CANbus (isolation level 1.5kV)	
Expansion Interface	2 x PCI Express Mini Card slot (slot2 for mSATA use only)	
Touchscreen	5-wire resistive touchscreen with or without keyboard	
Power Supply	Typical 24 to 110 VDC EN 50155 Class S3 20ms power interruption protection	
Power Consumption	24-110VDC, 1.4-0.29A	
Dimensions	310 mm (12.20") (W) x 61.5 mm (2.42") (D) x 214 mm (8.43") (H) (Excluding connectors and fixation dimensions, please refer to below drawing to get more details)	
Packing Dimensions	392 mm (15.43") (W) x 195 mm (7.68") (D) x 447 mm (17.60") (H)	
Weight (net/gross)	2.6 kg (5.73 lb)/4.4 kg (9.7 lb)	
Operating Temperature	-40°C to +70°C (-40°F to +158°F)	
Relative Humidity	10% to 95% @ +40°C, non-condensing	
Certifications	CE/FCC Class A, EN 50155, EN 50121-3-2, EN 61373, EN 45545-2 certified and UIC-612-01 Keypad layout complied	

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

24 to 110 VDC Power Input

GOT710S-R-E3845-24-110VDC (P/N: E22B710110)	10.4" SVGA railway fanless touchscreen panel PC with Intel Atom® E3845, sunlight readable LCD (1000 nits), 5-wire resistive touchscreen, 24 to 110 VDC power input, EN 50155 Class S3 20ms power interruption protection
GOT710S-R-E3845-24-110VDC with keypad (P/N: E22B710111)	10.4" SVGA railway fanless touchscreen panel PC with Intel Atom® E3845, sunlight readable LCD (1000 nits), 5-wire resistive touchscreen, 24 to 110 VDC power input, EN 50155 Class S3 20ms power interruption protection and keypad

*Specifications and certifications may vary based on different requirements.

Packing List

1 x GOT710S unit
1 x Phoenix connector

Optional Accessories

822B7100140E	GOT710 3G+GPS kit
8812B7100A0E	GOT710 Wi-Fi kit
594B8122820E	M12 A-coded USB cable
594B7102100E	RS-232 cable
594B7102700E	M12 X-coded LAN cable
594B7100B00E	M12 DC-in power cable with ACC signal, length 1.8M

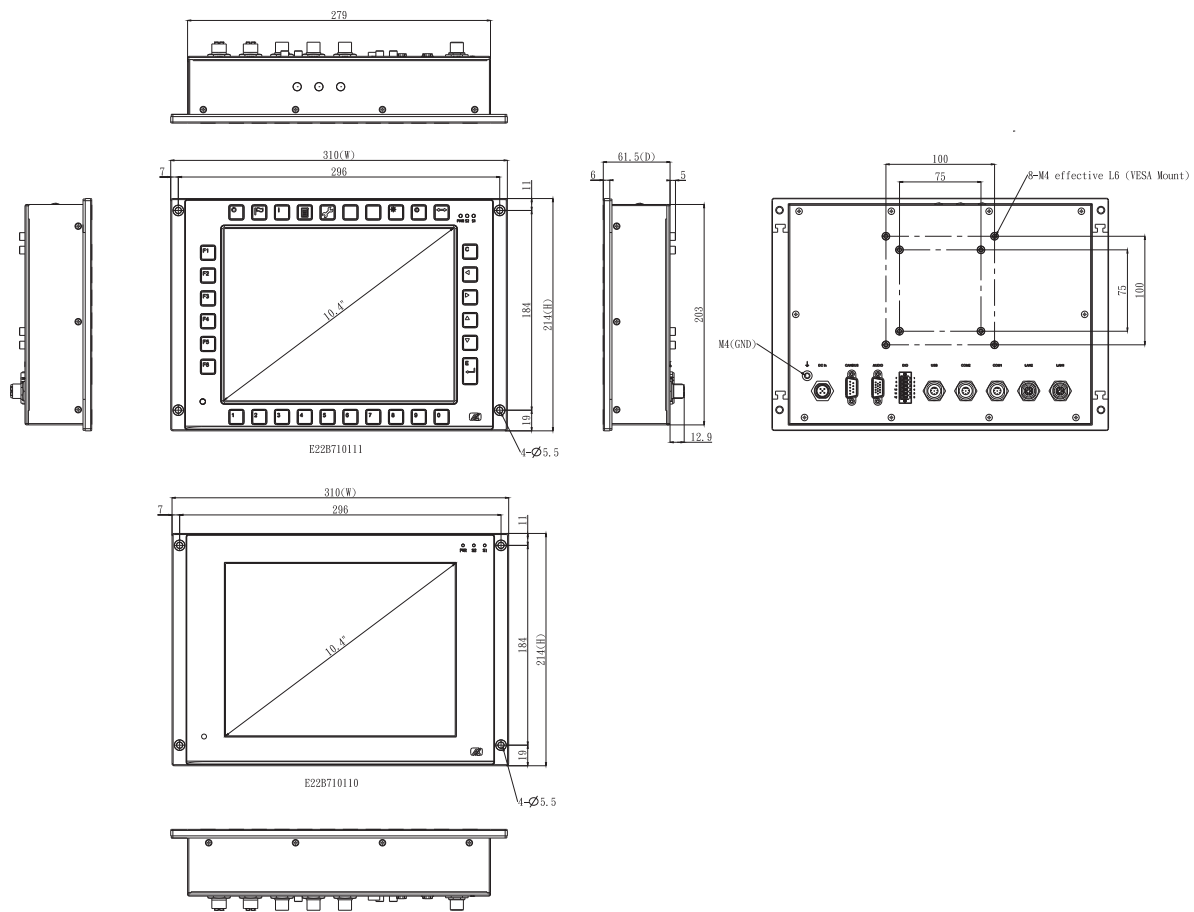
Optional OS Installation

Windows® 7
 Windows® 10
 Windows® 10 IoT

Optional EOS Installation

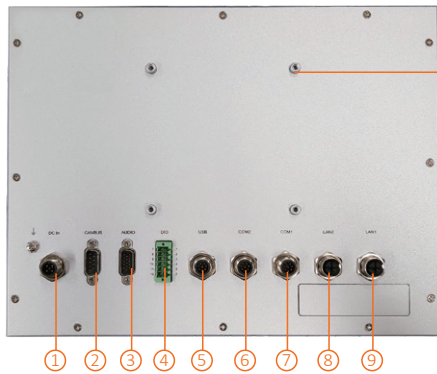
WES 7
 Windows® 10 (IoT)

Dimensions



GOT712S

EN50155 S3 12.1" XGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845
1.91 GHz (-40°C to +70°C)



VESA 100



Features

- Sunlight readable 12.1" XGA TFT LCD with 800 nits of high brightness
- Fanless with Intel Atom® processor E3845 1.91 GHz
- All lockable connectors design
- Auto-dimming for different environments
- -40°C to +70°C wide temperature range
- Typical 24 to 110 VDC wide power input range, EN 50155 Class S3 20ms power interruption protection
- EN 50155, EN 45545-2 certified for railway application

- | | |
|---|--|
| 1. DC power input | 5. 2 x USB 2.0 |
| 2. CANbus with isolation 1.5kV | 6. 1 x RS-232/422/485 with isolation 1.5kV |
| 3. Audio (line-in, mic-in, speaker-out or line-out) | 7. 1 x RS-232/422/485 with isolation 1.5kV |
| 4. DIO (6-in/2-out with isolation 1.5kV) | 8. 1 x GbE with isolation 1.5kV |
| | 9. 1 x GbE with isolation 1.5kV |



▲ Side view

Introduction

The EN 50155 railway touchscreen panel PC, GOT712S, is equipped with a 12.1-inch XGA TFT LCD with high brightness LED backlight (800 nits), which allows a train operator to easily read any operational status messages, even under direct sunlight. Designed for railway application, this all-in-one 12.1" touch panel PC supports various power input from 24 to 110 VDC. This feature-rich panel PC has an IP65-rated front bezel, M12 connectors and EN 50155 certified.

Wide Temperature (-40°C to +70°C)

The Intel Atom®-based railway panel PC, GOT712S, applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a high brightness display and compact design for transport heavyduty environment.

Designed for Railway Application

The Axiomtek GOT712S is particularly suitable for demanding HMI applications in the railway sector, including tasks like monitoring and controlling speed, temperature, and security, or for fleet management. To ensure the reliable operation in a variety of different locations, the 12.1-inch railway panel PC supports various mounting options: wall mount and VESA mount. Moreover, it is also ready for Windows® 10 IoT, Windows® 10, and 7.

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness (cd/m ²)	800 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel Atom® processor E3845 1.91 GHz (Bay Trail)
	Chipset	SoC integrated
	System Memory	DDR3L 4GB onboard
	BIOS	AMI
	Storage	16GB flash onboard 1 x mSATA
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x Isolated M12 A-coded RS-232/422/485 (isolation level 1.5kV) 2 x Isolated M12 X-coded GbE (isolation level 1.5kV) 1 x M12 A-coded USB 2.0 (2 port signal) 1 x M12 A-coded DC-in 1 x DB15 audio line-in, mic-in, speaker-out or line-out 1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV) 1 x Isolated DB9 CANbus (isolation level 1.5kV)	
Expansion Interface	2 x PCI Express Mini Card slot (slot2 for mSATA use only)	
Touchscreen	5-wire resistive touchscreen	
Power Supply	Typical 24 to 110 VDC EN 50155 S3 20ms power interruption protection	
Power Consumption	24-110VDC, 1.7-0.32A	
Dimensions	330 mm (13") (W) x 61.5 mm (2.42") (D) x 245 mm (9.65") (H)	
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.72") (D) x 552 mm (21.73") (H)	
Weight (net/gross)	2.95 kg (6.50 lb)/5.35 kg (11.79 lb)	
Operating Temperature	-40°C to +70°C (-40°F to +158°F)	
Relative Humidity	10% to 95% @ +40°C, non-condensing	
Certifications	CE/FCC Class A, EN 50155, EN 50121-3-2, EN 61373, EN 45545-2	

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT712S-R-E3845-24-110VDC (P/N: E22B712102)	12" XGA railway fanless touch panel computer with Intel Atom® E3845, sunlight readable LCD (800 nits), 5-wire resistive touchscreen, and 24 to 110 VDC power input, S3 20ms power interruption protection
--	---

*Specifications and certifications may vary based on different requirements.

Packing List

1 x GOT712S unit
1 x Phoenix connector

Optional Accessories

822B7100140E	GOT712 3G+GPS kit
8812B7100A0E	GOT712 Wi-Fi kit
594B8122820E	M12 A-coded USB cable
594B7102100E	RS-232 cable
594B7102700E	M12 X-coded LAN cable
594B7100B00E	M12 DC-in power cable with ACC signal, length 1.8M

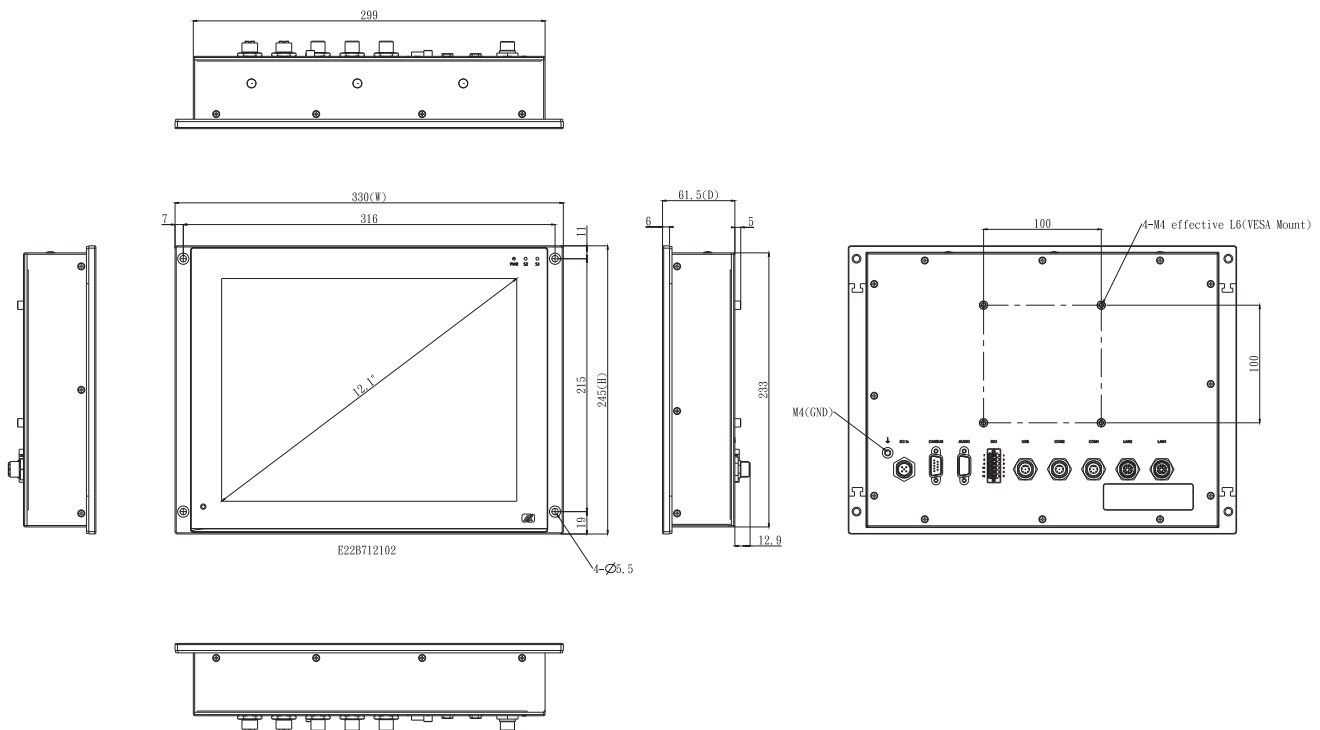
Optional EOS Installation

WES 7
Windows® 10 (IoT)

Optional OS Installation

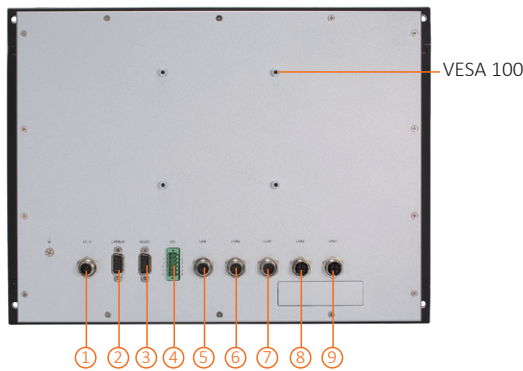
Windows® 7
Windows® 10
Windows® 10 IoT

Dimensions



GOT715S NEW

EN 50155 Compliant 15" XGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845 1.91 GHz (-25°C to +70°C)



- | | |
|--|--|
| <ol style="list-style-type: none"> 1. DC power input 2. CANbus with isolation 1.5kV 3. Audio (line-in, mic-in, speaker-out or line-out) 4. DIO (6-in/2-out with isolation 1.5kV) 5. 2 x USB 2.0 | <ol style="list-style-type: none"> 6. 1 x RS-232/422/485 with isolation 1.5kV 7. 1 x RS-232/422/485 with isolation 1.5kV 8. 1 x GbE with isolation 1.5kV 9. 1 x GbE with isolation 1.5kV |
|--|--|

Features

- Sunlight readable 15" XGA TFT LCD with 800 nits of high brightness
- Fanless with Intel Atom® processor E3845 1.91 GHz
- All lockable connectors design
- Auto-dimming for different environments
- -25°C to +70°C wide temperature range
- Typical 24 to 110 VDC wide power input range and EN 50155 Class S3 20ms power interruption protection compliant
- EN 50155 design compliance



▲ Side view

Introduction

The EN 50155 railway touchscreen panel PC, GOT715S, is equipped with a 15-inch XGA TFT LCD with high brightness LED backlight (800 nits), which allows a train operator to easily read any operational status messages, even under direct sunlight. Designed for railway application, this all-in-one 15-inch touch panel PC supports various power input from 24 to 110 VDC. This feature-rich panel PC has an IP65-rated front bezel, M12 connectors and EN 50155 design compliance.

Wide Temperature (-25°C to +70°C)

The Intel Atom®-based railway panel PC, GOT715S, applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a high brightness display and compact design for heavyduty environments.

Designed for Railway Application

The GOT715S is particularly suitable for demanding HMI applications in the railway sector, including tasks like monitoring and controlling speed, temperature, and security, or for fleet management. To ensure the reliable operation in a variety of different locations, the 15-inch railway panel PC supports various mounting options such as wall mount and VESA mount. Moreover, it is also ready for Windows® 10 IoT and Windows® 10, and 7.

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness (cd/m ²)	800 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	178°/178°
Main System	CPU	Intel® Atom® processor E3845 1.91 GHz (Bay Trail)
	Chipset	SoC integrated
	System Memory	DDR3L 4GB onboard
	BIOS	AMI
	Storage	16GB flash onboard
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x Isolated M12 A-coded RS-232/422/485 (isolation level 1.5kV)	
	2 x Isolated M12 X-coded GbE (isolation level 1.5kV)	
	1 x M12 A-coded USB 2.0 (2 port signal)	
	1 x M12 A-coded DC-in	
	1 x DB15 audio line-in, mic-in, speaker-out or line-out	
	1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV)	
	1 x Isolated DB9 CANbus (isolation level 1.5kV)	
Expansion Interface	2 x PCI Express Mini Card slot (slot2 for mSATA use only)	
Touchscreen	5-wire resistive touchscreen	
Power Supply	Typical 24 to 110 VDC EN 50155 S3 20ms power interruption protection	
Power Consumption	24-110VDC, 1.28-0.26A	
Dimensions	400 mm (15.75") (W) x 61.5 mm (2.42") (D) x 300 mm (11.81") (H)	
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.72") (D) x 552 mm (21.73") (H)	
Weight (net/gross)	4.03 kg (8.89 lb) / 6.43 kg (14.18 lb)	
Operating Temperature	-25°C to +70°C (-13°F to +158°F)	
Relative Humidity	10%- 95% @ +40°C, non-condensing	
Certifications	CE/FCC Class A, EN 50155 compliant	

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT715S-RA-M (P/N: E22B715S00)	15" XGA railway fanless touch panel computer with Intel Atom® E3845, sunlight readable LCD (800 nits), 5-wire resistive touchscreen, 24 to 110 VDC power input
-----------------------------------	--

*Specifications and certifications may vary based on different requirements.

Packing List

1 x GOT715S unit
1 x Phoenix connector

Optional Accessories

822B7100140E	GOT71X 3G+GPS kit
8812B7100A0E	GOT71X Wi-Fi kit
594B8122820E	M12 A-coded USB cable
594B7102100E	RS-232 cable
594B7102700E	M12 X-coded LAN cable
594B7100B00E	M12 DC-in power cable with ACC signal, length 1.8M

Optional OS Installation

Windows® 7

Windows® 10 (IoT)

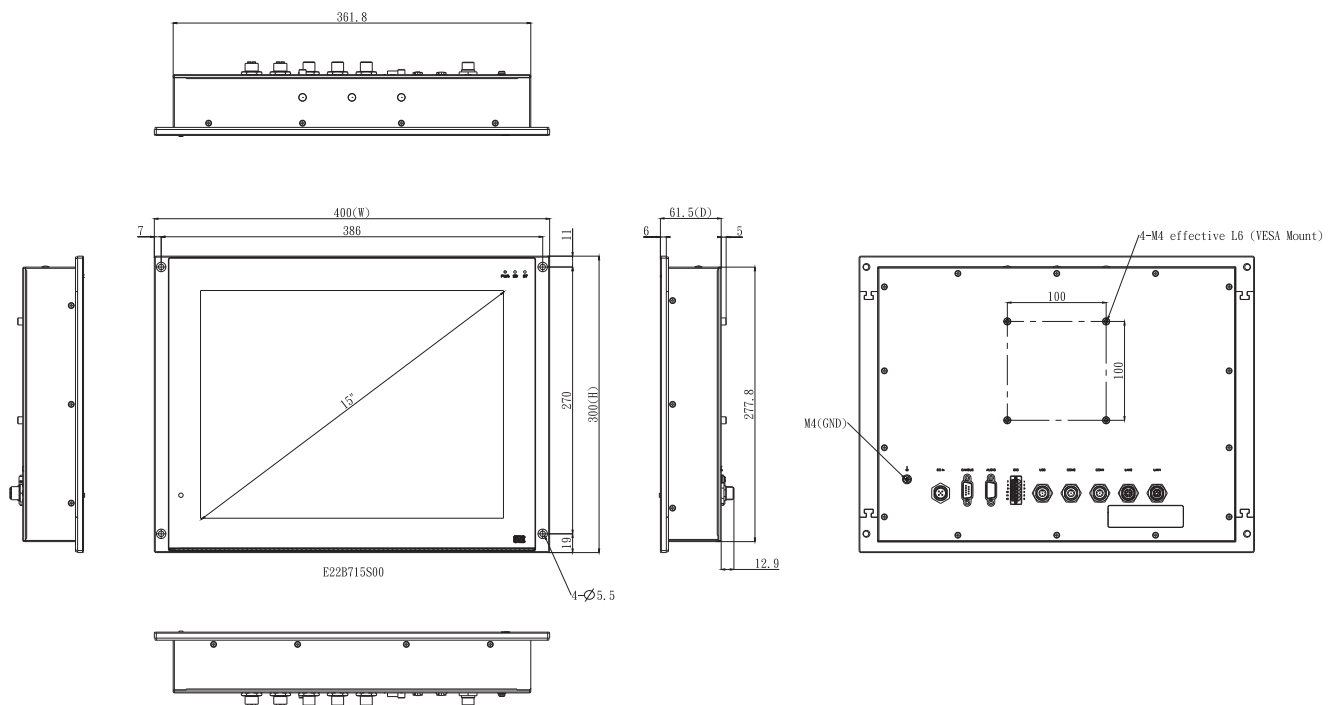
Optional OS Installation

Windows® 7

Windows® 10

Windows® 10 IoT

Dimensions



P710

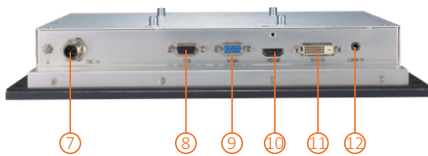
10.4" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch

Features

- EN 50155, EN 45545-2 certified railway monitor
- 10.4" high brightness XGA TFT touchscreen LCD
- Wide viewing angle and high brightness of 500 nits
- Supports VGA, DVI-D and HDMI
- Light sensor for auto-dimming
- Typical 24 VDC to 110 VDC wide power input range
- -25°C to +55°C wide temperature range
- Supports 5 OSD keys on the front bezel



- | | |
|--|-----------------|
| 7. DC power input | 10. 1 x HDMI |
| 8. 1 x RS-232 (touch & remote control) | 11. 1 x DVI-D |
| 9. 1 x VGA | 12. 1 x Line-in |
| | 13. Speaker |



▲ Side view



▲ Rear view



13

Introduction

The EN 50155 railway touchscreen monitor P710 adopts a 10.4-inch XGA TFT LCD with 500 nits brightness and a 5-wire resistive touchscreen with IP65-rated aluminum front bezel to provide water-proof and user friendly control interface.

The Axiomtek 10.4-inch railway touchscreen monitor adopts extended temperature technology with a wide range from -25°C to +55°C. Its fanless cooling system and compact designs are suited for rolling stock applications as well as other harsh environments.

500 nits High Brightness with Wide Viewing Angle

The railway grade P710 adopts a high brightness 500 nits 10.4-inch LCD with sunlight readable technology. The screen is legible even under strong sunlight. Additionally, with its wide viewing angle feature, users won't miss any information.

Anti-vibration for Railway

With an anti-vibration design and complied to EN 50155, EN 61373 Cat. 1 Class B, the Axiomtek rugged 10.4" railway touchscreen monitor can work perfectly on the train.

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	10.4" TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.2M/262k
	Active Area (mm)	210.4 (H) x 157.8 (V)
	Pixel Pitch (mm)	0.0685 (H) x 0.2055 (V)
	Response Time	25ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	176°/176°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	500 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 480 (60/72 Hz)	
	SVGA 800 x 600 (60/72 Hz)	
	XGA 1024 x 768 (60/70 Hz)	
Input Signal	VGA	
	HDMI	
	DVI-D	
	RS-232 for touchscreen and IR remote control	
I/O Connectors	1 x RS-232 for touchscreen and remote control	
	1 x M12 DC-in	
	1 x DVI- D	
	1 x VGA	
	1 x HDMI	
	1 x Line-in	
Power Supply	Typical 24 VDC to 110 VDC	
Power Consumption	24-110VDC, 0.6-0.13A	
Touchscreen	Thickness	Resistive: 2.2 mm
	Light Transmission	Resistive: 80%
	Touch Life	Resistive: 35 million touches
	Controller Interface	RS-232 DB9 male connector
Dimensions	310 mm (12.20") (W) x 49.2 mm (1.94") (D) x 214 mm (8.43") (H)	
Packing Dimensions	392 mm (15.44") (W) x 195 mm (7.68") (D) x 447 mm (17.60") (H)	
Weight (net/gross)	1.85 kg (4.08 lb) / 3.29 kg (7.26 lb)	
Operating Temperature	-25°C to +55°C (-13°F to +131°F)	
Relative Humidity	20% to 90% @ +40°C, non-condensing	
Certifications	CE, FCC, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 Certified	

Ordering Information

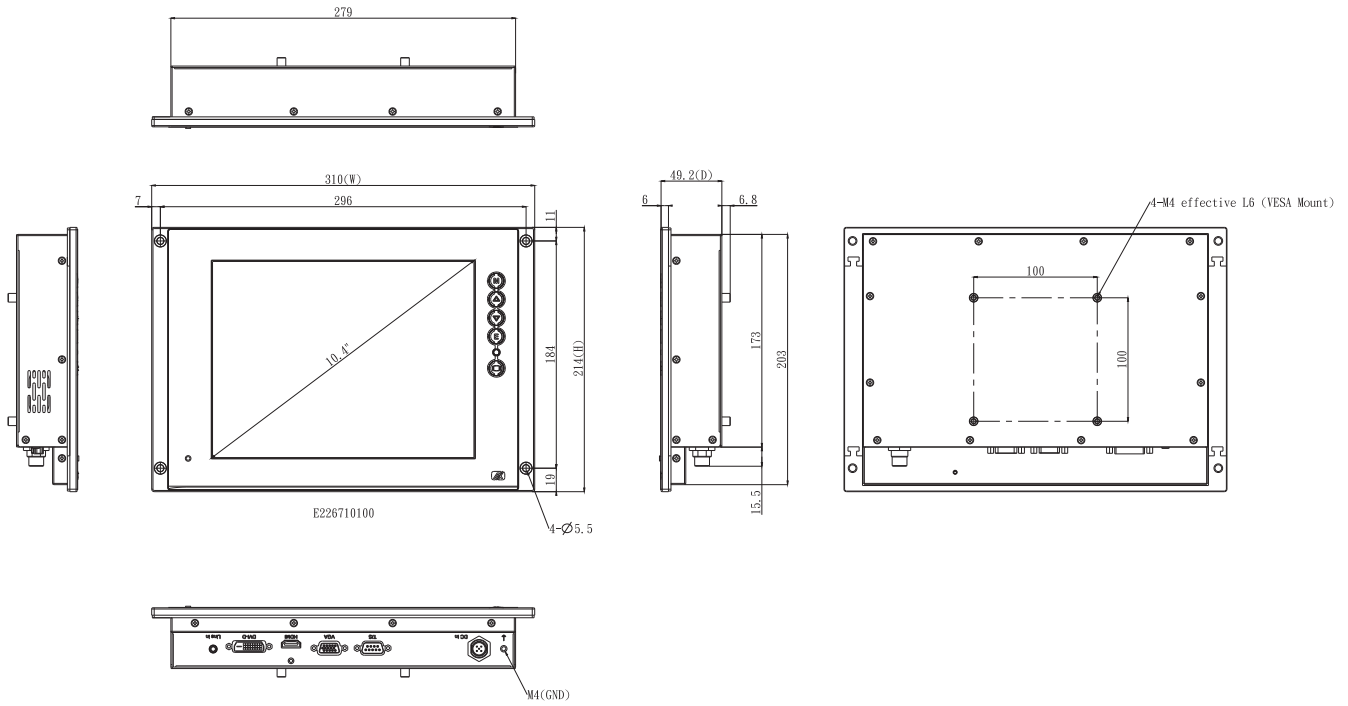
P710-RS1-M (P/N: E226710100)	10.4" XGA LCD railway touchscreen monitor with 24-110 VDC power input
---------------------------------	---

*Specifications and certifications may vary based on different requirements.

Packing List

1 x P710 unit
1 x RS-232 cable (for resistive touch)
1 x HDMI bracket
1 x Cable tie
1 x Cable clamp
2 x Screw M3*5L

Dimensions



P712

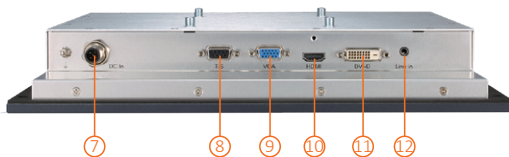
12.1" XGA TFT LCD Railway Touchscreen Monitor (-25°C to +55°C)



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch

Features

- EN 50155 and EN 45545-2 certified railway monitor
- 12.1" high brightness XGA TFT touchscreen LCD
- Wide viewing angle and a high brightness of 600 nits
- Supports VGA, DVI-D, and HDMI
- Light sensor for auto-dimming
- Typical 24 to 110 VDC wide power input
- -25°C to +55°C wide temperature range
- Supports 5 OSD keys on the front bezel



- | | |
|--|-----------------|
| 7. DC power input | 11. 1 x DVI-D |
| 8. 1 x RS-232 (touch & remote control) | 12. 1 x Line-in |
| 9. 1 x VGA | 13. Speaker |
| 10. 1 x HDMI | |



▲ Side view



▲ Rear view



13

Introduction

The EN 50155 certified railway touchscreen monitor P712 adopts a 12.1-inch XGA TFT LCD with 600 nits brightness and a 5-wire resistive touchscreen with IP65-rated aluminum front bezel to provide protection against liquid damage and user friendly control interface.

Wide Temperature (-25°C to +55°C)

The Axiomtek 12.1-inch railway touchscreen monitor supports a wide temperature range from -25°C to +55°C. Its fanless cooling system and compact designs are suited for rolling stock applications as well as other harsh environments.

600 nits High Brightness with Wide Viewing Angle

The railway-grade P712 adopts a high brightness of 600 nits 12.1-inch LCD with sunlight readable technology. The screen is legible even under strong sunlight. Additionally, with its wide viewing angle feature, users won't miss any information.

Anti-vibration for Railway

With the anti-vibration design and EN 50155 and EN 61373 Cat. 1 Class B complied, the rugged 12.1" railway touchscreen monitor can work perfectly on a train.

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.7M/262k
	Active Area (mm)	245.76 (H) x 184.32 (V)
	Pixel Pitch (mm)	0.24 (H) x 0.24 (V)
	Response Time	25ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	178°/178°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	600 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 480 (60/72 Hz)	
	SVGA 800 x 600 (60/72 Hz)	
	XGA 1024 x 768 (60/70 Hz)	
Input Signal	VGA	
	HDMI	
	DVI-D	
	Line-in	
	Multi-function of T/S & remote control	
I/O Connectors	1 x M12 A-coded Male 5-pin DC-in	
	1 x Multi-function of T/S & remote control	
	1 x DVI-D	
	1 x VGA	
	1 x HDMI	
	1 x Line-in	
Power Supply	Typical 24 VDC to 110 VDC	
Power Consumption	24-110VDC, 0.88-0.19A	
Touchscreen	Thickness	Resistive: 2.2 mm
	Light Transmission	Resistive: 80%
	Touch Life	Resistive: 35 million touches
	Controller Interface	RS-232 D-type 9-pin male connector
Dimensions	330 mm (12.99") (W) x 50.2 mm (1.98") (D) x 245 mm (9.65") (H)	
Packing Dimensions	520 mm (20.48")(W) x 196 mm (7.72")(D) x 552 mm (21.74")(H)	
Weight (net/gross)	2.3 kg (5.07 lb)/4.36 kg (9.62 lb)	
Operating Temperature	-25°C to +55°C (-13°F to +131°F)	
Relative Humidity	20% to 90% @ +40°C, non-condensing	
Certifications	CE, FCC, EN 50155, EN 50121-3-2, EN 61373, and EN 45545-2 certified	

Ordering Information

P712-RS1-M (P/N: E226712100)	12.1" XGA LCD railway touchscreen monitor with 24 to 110 VDC power input
---------------------------------	--

*Specifications and certifications may vary based on different requirements.

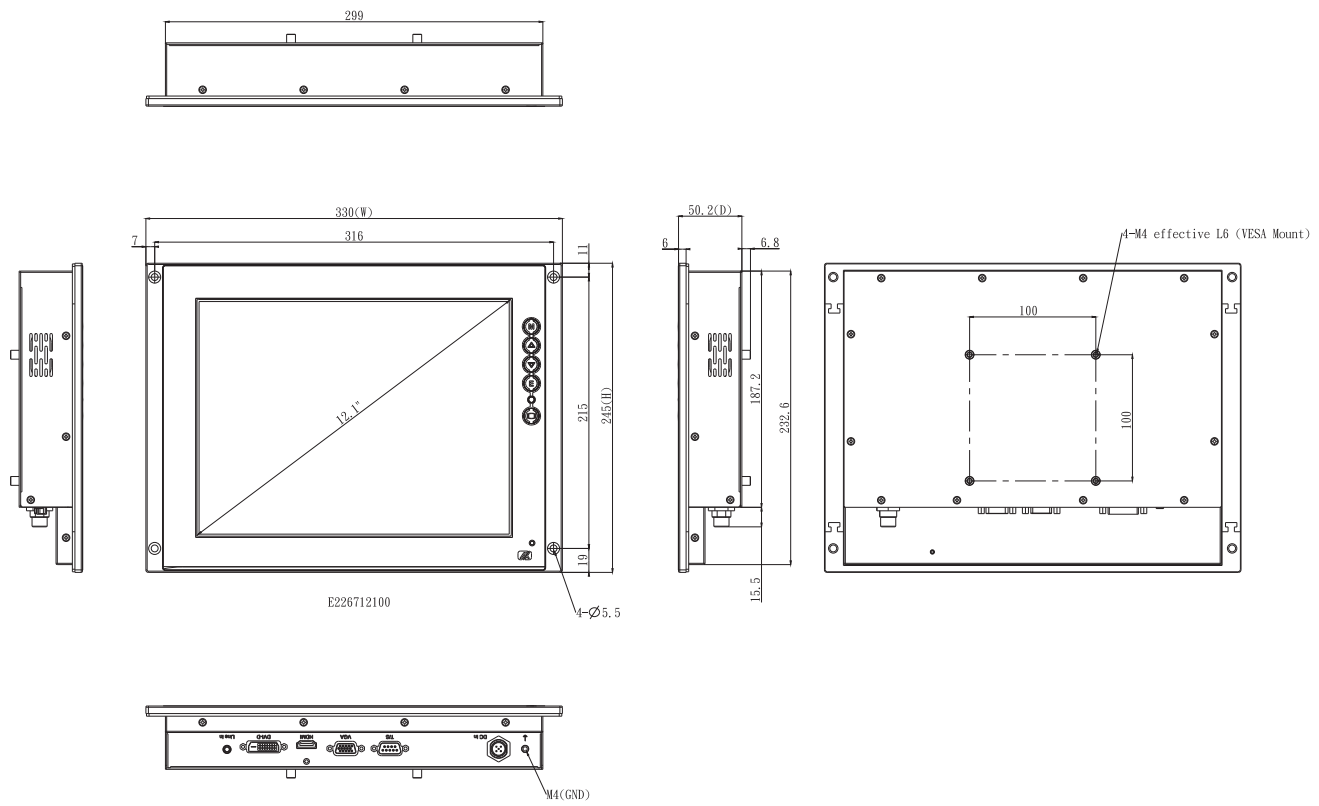
Packing List

1 x P712 unit
 1 x RS-232 cable (for resistive touch)
 1 x HDMI bracket
 1 x Cable tie
 1 x Cable clamp
 2 x Screw M3*5L

Optional Accessories

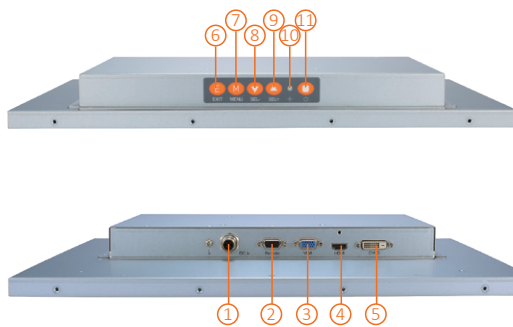
594B8120B30E	DC in cable M12 female 5P 180cm w/o ACC
--------------	---

Dimensions



P7180 NEW

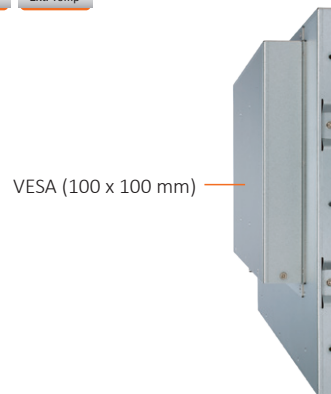
18.5" Full HD Open Frame Railway Monitor for Passenger Information System (PIS)



- | | | |
|--------------------------------|--------------|------------------|
| 1. DC power input | 5. 1 x DVI-D | 9. SEL+ |
| 2. 1 x RS-232 (remote control) | 6. Exit | 10. Power LED |
| 3. 1 x VGA | 7. Menu | 11. Power switch |
| 4. 1 x HDMI | 8. SEL- | |

Features

- EN 50155 compliance
- 18.5" Full HD TFT LCD
- Wide viewing angle and high brightness of 500 nits
- HDMI, DVI-D and VGA video inputs
- 24 to 110 VDC power input
- Supports VESA arm (100 x 100 mm)
- -25°C to +55°C wide operating temperature range
- Supports 5 OSD keys



Introduction

The P7180 is an EN 50155 compliance and slim-type monitor, which adopts 18.5-inch Full HD TFT LCD display with 500 nits of brightness and supports multi-signal video-in interfaces including HDMI, DVI-D and VGA. With the compact mechanism design and supporting VESA mounting, the P7180 is proper for Passenger Information System (PIS) in railway environments.

Wide Temperature (-25°C to +55°C) & Wide DC Power Input

The P7180 supports a wide temperature range from -25°C to +55°C. Its fanless cooling system and wide range power input of 24V to 110V DC are suited for railway application as well as other harsh environments.

High Brightness 500 nits with Wide Viewing Angle

The railway grade P7180 adopts a 18.5-inch TFT LCD display with 500 nits of brightness. With its wide viewing angle feature, passengers can easily view information from any angle.

Anti-vibration for Railway

With the anti-vibration design and EN 50155 and EN 61373 Cat. 1 Class B compliant, the rugged 18.5" railway monitor can work perfectly on the rolling stock.

Specifications

Mounting	VESA arm (100 x 100 mm)	
LCD Panel	Display	18.5" TFT LCD
	Max. Resolution	1920 x 1080
	Max. Colors	16.7M colors (8-bit)
	Active Area (mm)	408.96 (H) x 203.04 (V)
	Pixel Pitch (mm)	0.213 x 0.213
	Response Time	20ms
	Backlight	LED
	Viewing Angle (H/V)	178°/178°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	500 nits
Display Control	OSD (on screen display)	
Display Mode	720x400 70Hz	
	640x480 60Hz/72Hz/75Hz	
	800x600 56Hz/60Hz/72Hz/75Hz	
	1024x768 60Hz/70Hz/75Hz	
	1280x720 60Hz	
	1280x1024 60Hz/75Hz	
	1360x768 60Hz	
	1440x900 60Hz	
	1600x900 60Hz	
	1680x1050 60Hz	
1920x1080 60Hz		
Input Signal	HDMI	
	VGA	
	DVI-D	
I/O Connectors	1 x M12 A-coded Male 5-pin DC-in	
	1 x Remote control	
	1 x DVI-D	
	1 x VGA	
	1 x HDMI	
Power Supply	24 to 110 VDC	
Power Consumption	24-110VDC, 1.4-0.29A	
Dimensions	442.6 mm (17.43") (W) x 46.2 mm (1.82") (D) x 266.8 mm (10.5") (H)	
Packing Dimensions	575 mm (22.63") (W) x 170 mm (6.69") (D) x 460 mm (18.11") (H)	
Weight (net/gross)	3.41 kg (7.5 lb) /4.81 kg (10.6 lb)	
Operating Temperature	-25°C to +55°C (-13°F to +131°F)	
Relative Humidity	0%- 95%@ 45°C-non condensing	
Certifications	CE, FCC, EN 50155 compliant	

Ordering Information

P7180-1-M (P/N: E226718100)	18.5" Full HD open frame railway monitor with 24 to 110 VDC power input for passenger information system
--------------------------------	--

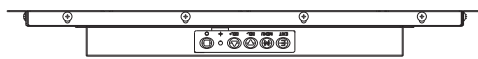
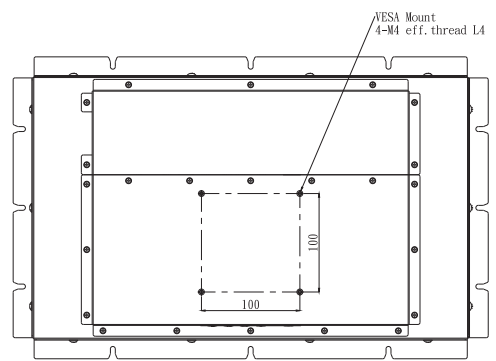
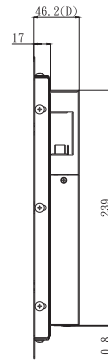
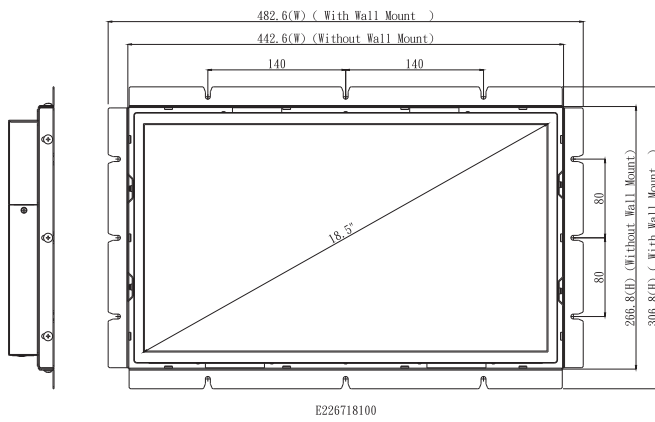
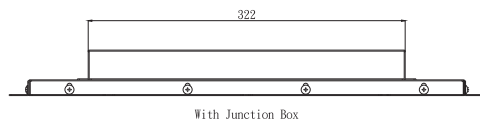
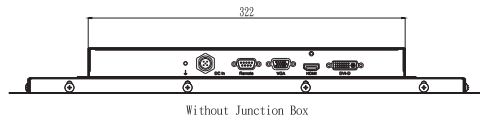
Packing List

1 x P7180 unit
 1 x HDMI bracket
 1 x Cable tie
 1 x Screw M3*5L

Optional Accessories

594B8120B30E	DC in cable M12 female 5P 180cm w/o ACC
88267181010E	P7180 JUNCTION BOX Kit
88267181020E	P7180 Wall Mount Kit

Dimensions



8

Medical Panel Computers

The GOT100/GOT5000 series features fanless operation, ultra slim and modern ID design. Incorporating the low power consumption Intel® Celeron®/Pentium® processors and an ultra slim housing makes this product line a perfect choice for various applications across many industries.

Selection Guide		167
MPC103-845	10.1" WXGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060	169
MPC102-845	10.4" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060	172
MPC152-845	15" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060	175
MPC153-834	15.6" WXGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor J1900	178

Industrial Panel PCs

Medical Panel Computers

Selection Guide



Features\Models	MPC103-845	MPC102-845	MPC152-845
Display	10.1" WXGA TFT, 350 nits	10.4" SVGA TFT, 350 nits	15" XGA TFT, 420 nits
CPU Level	Intel® Celeron® N3060 (up to 2.48 GHz)	Intel® Celeron® N3060 (up to 2.48 GHz)	Intel® Celeron® N3060 (up to 2.48 GHz)
Chipset	SoC integrated	SoC integrated	SoC integrated
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
I/O	1 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Switch for power on/off 1 x AT/ATX selectable switch	1 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Switch for power on/off 1 x AT/ATX selectable switch	1 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Switch for power on/off 1 x AT/ATX selectable switch 1 x 8-bit DIO (programmable, DB9)
Storage	1 x 2.5" half slim SSD (AC type only) 1 x mSATA	1 x 2.5" HDD 1 x mSATA	1 x 2.5" HDD 1 x mSATA
Expansion Interface	2 x PCI Express Mini Card slot	2 x PCI Express Mini Card slot	2 x PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch	5-wire flat Resistive Type	5-wire flat Resistive Type
Power Supply	AC version: 100 to 240 VAC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse	AC version: 100 to 240 VAC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse	AC version: 100 to 240 VAC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse
Watchdog Timer	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	260.8 x 38 x 194.1 mm (10.27" x 1.5" x 7.65")	292.5 x 45.8 x 235.8 mm (1.52" x 1.8" x 9.28")	387.9 x 54.6 x 307.7 mm (15.27" x 2.14" x 12.11")
Weight (net/gross)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Operating Temperature	0° to +40°C (+32°F to +104°F)	0° to +40°C (+32°F to +104°F)	0° to +40°C (+32°F to +104°F)
Mounting	Desktop stand/panel/wall/VESA mount	Desktop stand/panel/wall/VESA mount	Desktop stand/panel/wall/VESA mount
Certifications	EN 60601-1 (ESD contact 8KV, air 15KV), CE and FCC	EN 60601-1 (ESD contact 8KV, air 15KV), CE and FCC	EN 60601-1 (ESD contact 8KV, air 15KV), CE and FCC



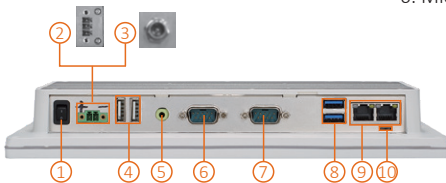
Features\Models	MPC153-834
Display	15.6" WXGA TFT, 300 nits
CPU Level	Intel® Celeron® J1900 (up to 2.42 GHz)
Chipset	SoC integrated
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB
I/O	2 x RS-232/422/485 1 x RS-232/422/485 (with isolated 4KV) 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 1 x Audio (Line-out)
Storage	1 x Half-slim SSD 1 x CFast™ or mSATA
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire flat resistive type
Power Supply	AC version: 100 to 240 VAC-DC, 65W power adapter DC version: 9 to 36 VDC with over current protection fuse
Watchdog Timer	255 levels, 0 to 255 sec.
Dimensions (W x D x H)	394.2 x 57 x 257.2 mm (15.53" x 2.25" x 10.13")
Weight (net/gross)	3.0 kg (6.61 lb)/5.2 kg (11.46 lb)
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Mounting	Desktop stand/wall/VESA mount
Certifications	CE, EN 60601-1, FCC classB

MPC103-845

10.1" WXGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060



1. Power LED
2. HDD LED
3. Brightness adjust +/-
4. Display on/off
5. Volume adjust
6. Mic-in (optional)



1. Power switch (ATX)
2. Terminal block for DC power input
3. Screw connector with AC power adapter
4. 2 x USB 2.0
5. Audio (Line-out)
6. 1 x RS-232/422/485
7. 1 x RS-232
8. 2 x USB 3.0
9. 2 x LAN
10. AT/ATX switch

Features

- 10.1" WXGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060
- 2 GbE LANs, 4 USB and 2 COM
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
- External AT/ATX mode selection switch
- Easy access storage design
- Supports panel mount, wall mount, VESA arm and desktop stand
- Adjustable RS-232/422/485 setting via BIOS
- CE (EN 60601-1) and FCC Part 18 EN 60601-1-2 (ESD contact 8kV, air 15kV)



▲ Side view

Introduction

The MPC103-845 is a 10.1" fanless medical touch panel computer. It adopts a modern, super sleek and fanless design and has a 10.1" TFT LCD. It is powered by the Intel® Celeron® processor N3060 dual core up to 2.48 GHz. For wireless network connection, the MPC103-845 offers 2 PCI Express Mini Card slots. By just plugging in the WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power with terminal block connector and AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

With a thickness of 38 mm and weight of 1.08 kg, the MPC103-845 is designed for use in space-constrained environments.

Certifications

This 10.1-inch medical panel platform complies with EN60601-1 ED3.1 CE, FCC Class B certifications to ensure medical operation safety.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the MPC103-845 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.1" WXGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 800
	Viewing Angel (H/V)	170°/170°
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-slim SATA SSD (only for MPC103-845-PCT-J) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
I/O Connector	Onboard Graphics	Integrated in Intel® GFX
	1 x RS-232	
	1 x RS-232/422/485 (default RS-232)	
	1 x Switch for power on/off	
	1 x AT/ATX mode selection switch	
	2 x USB 2.0	
	2 x USB 3.0	
Expansion Interface	1 x Audio (Line-out)	
	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	
Touchscreen	1 x Full-size PCI Express Mini Card slot with mSATA	
	1 x Full-size PCI Express Mini Card slot with SIM	
Power Supply	Projected capacitive multi-touch	
Power Consumption	AC version: 100 to 240 VAC-DC, 65W power adapter	
	DC version: 9 to 36 VDC with over current protection fuse	
Dimension	40.32 W	
Packing Dimensions	260.8 mm (10.27") (W) x 38 mm (1.50") (D) x 194.1 mm (7.65") (H)	
Weight (net/gross)	380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H)	
Operating Temperature	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)	
Relative Humidity	0°C to +40°C (+32°F to +122°F)	
Operation Vibration	20% to 90% @ +40°C; non-condensing	
Certifications	2G, 5- 500Hz, random for SSD	
	CE (EN 60601-1) and FCC Part 18 EN 60601-1-2 (ESD contact 8kV, air 15kV)	

Ordering Information

Standard

MPC103-845-J (P/N: E228103100)	10.1" WXGA fanless medical touch panel computer with Intel® Celeron® processor N3060, projected capacitive touch screen, AC-DC 65W power adapter (screw type connector) and EMI class B
MPC103-845-DC (P/N: E228103101)	10.1" WXGA fanless medical touch panel computer with Intel® Celeron® processor N3060, projected capacitive touch screen and DC power input (terminal block connector)

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x MPC103-845
1 x Adapter (MPC103-845-J)
1 x Power cord (MPC103-845-J)
1 x Phoenix connector (MPC103-845 DC)

Optional Accessories

Wi-Fi + Bluetooth kit

GOT5103W-845 half slim SSD kit SFP for GOT5103W-845-PCT-J

881251030AOE Panel mount kit

8812B1070AOE Wall mount kit

881251203AOE RFID kit

E226171119 Stand Kit

Optional EOS Installation

WES 7

WE8S (64-bit)

Optional OS Installation

Windows® 7

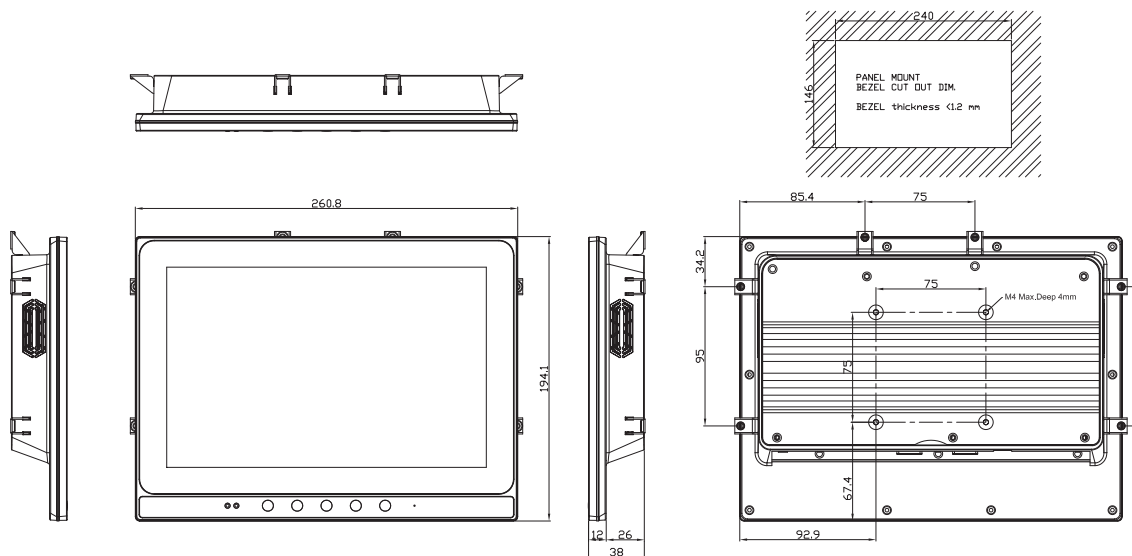
Windows® 8.1 (64-bit)

Windows® 10



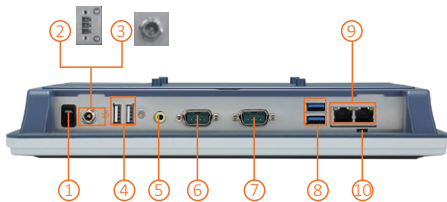
▲ AC power adapter
(for MPC103-845-J)

Dimensions



MPC102-845

10.4" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060



- | | |
|--|------------------------------|
| 1. Power switch (ATX) | 6. 1 x RS-232/422/485 |
| 2. Terminal block for DC power input | 7. 1 x RS-232 |
| 3. Screw connector with AC power adapter | 8. 2 x USB 3.0 |
| 4. 2 x USB 2.0 | 9. 2 x LAN |
| 5. Audio (Line-out) | 10. AT/ATX selectable switch |
| | 11. Touch on/off button |

Features

- 10.4" XGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060
- 2 GbE LANs, 4 USB and 2 COM
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
- External AT/ATX mode selection switch
- Easy access storage design
- Supports panel mount, wall mount, VESA arm and desktop stand
- CE (EN 60601-1) and FCC Part 18
EN 60601-1-2 (ESD contact 8kV, air 15kV)



▲ Side view

Introduction

The MPC102-845 is a 10.4" fanless medical touch panel computer. In response to market demand, this medical panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is powered by the Intel® Celeron® processor N3060 dual core up to 2.48 GHz. For wireless network connection, the MPC102-845 offers 2 PCI Express Mini Card slots. By just plugging in the WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power with terminal block connector and AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

With a thickness of 45.8 mm and weight of 1.8 kg, the MPC102-845 is designed for use in space-constrained environments.

Certifications

This 10.4-inch medical panel platform complies with EN60601-1 ED3.1 and CE, FCC Class B certifications to ensure medical operation safety.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the MPC102-845 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.4" XGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits (XGA)
	Resolution	1024 x 768 (XGA)
	Viewing Angel (H/V)	150°/150°
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
I/O Connector	Onboard Graphics	Integrated in Intel® GFX
	1 x RS-232	
	1 x RS-232/422/485 (default RS-232)	
	1 x Switch for power on/off	
	1 x AT/ATX mode selection switch	
	2 x USB 2.0	
	2 x USB 3.0	
Expansion Interface	1 x Audio (Line-out)	
	2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)	
Touchscreen	1 x Full-size PCI Express Mini Card slot with mSATA	
	1 x Full-size PCI Express Mini Card slot with SIM	
Power Supply	Resistive type	
Power Consumption	AC version: 100 to 240 V AC-DC, 65W power adapter	
	DC version: 9 to 36 VDC with over current protection fuse	
Dimension	32W	
Packing Dimensions	292.5 mm (11.52") (W) x 45.8 mm (1.80") (D) x 235.8 mm (9.28") (H)	
Weight (net/gross)	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)	
Operating Temperature	1.8 kg (3.96 lb)/3 kg (6.61 lb)	
Relative Humidity	0°C to +40°C (+32°F to +122°F)	
Operation Vibration	20% to 90% @ +40°C; non-condensing	
Certifications	2G, 5- 500Hz, random for SSD	
	CE (EN 60601-1) and FCC Part 18 EN 60601-1-2 (ESD contact 8kV, air 15kV)	

Ordering Information

Standard

MPC102-845-DC (P/N: E228102104)	10.4" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and DC power input (terminal block connector)
MPC102-845-J (P/N: E228102103)	10.4" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 65W power adapter (screw type connector) and EMI class B

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x MPC102-845
1 x Adapter (MPC102-845-J)
1 x Power cord (MPC102-845-J)
1 x Phoenix connector (MPC102-845 DC)

Optional Accessories

Wi-Fi + Bluetooth kit

881281021A0E Panel mount kit

881251001A0E Wall mount kit

E226171119 Stand kit

881251203A0E RFID kit

Optional EOS Installation

WES 7

WE8S (64-bit)

Optional OS Installation

Windows® 7

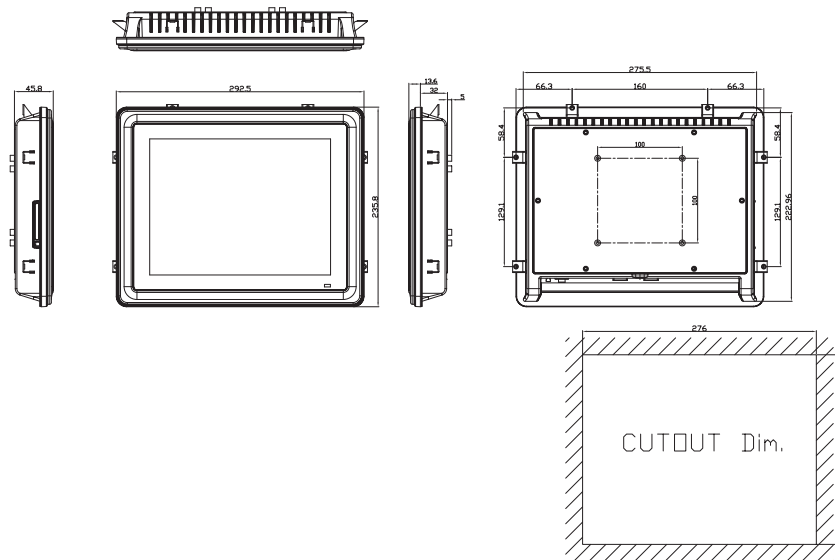
Windows® 8.1 (64-bit)

Windows® 10



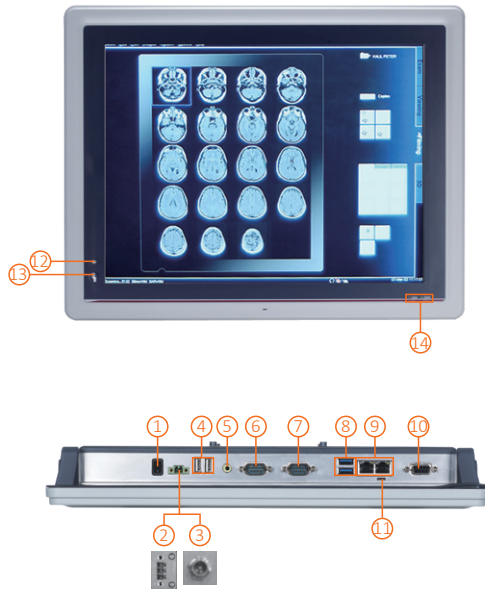
▲ AC power adapter
(for MPC102-845-J)

Dimensions



MPC152-845

15" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060



- | | |
|--|---------------------------------|
| 1. Power switch (ATX) | 8. 2 x USB 3.0 |
| 2. Terminal block for DC power input | 9. 2 x LAN |
| 3. Screw connector with AC power adapter | 10. 8 x DIO (programmable, DB9) |
| 4. 2 x USB 2.0 | 11. AT/ATX selectable switch |
| 5. 1 x Audio (Line-out) | 12. Touch LED indicator |
| 6. 1 x RS-232/422/485 | 13. Touch on/off button |
| 7. 1 x RS-232 | 14. HDD & Power LED indicator |

Features

- 15" XGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060
- 2 GbE LANs, 4 USB and 2 COM
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
- External AT/ATX mode selection switch
- Easy access storage design
- Supports panel mount, wall mount, VESA arm and desktop stand
- Adjustable RS-232/422/485 setting via BIOS
- CE (EN 60601-1) and FCC Part 18 EN 60601-1-2 (ESD contact 8kV, air 15kV)



▲ Side view

Introduction

The MPC152-845 is a 15" fanless medical touch panel computer. In response to market demand, this medical panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 15" TFT LCD. It is powered by the Intel® Celeron® processor N3060 dual core up to 2.48 GHz. For wireless network connection, the MPC152-845 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power with terminal block connector and AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

With a thickness of 54.6 mm and weight of 3.2 kg, the MPC152-845 is designed for use in space-constrained environments.

Certifications

This 15-inch medical panel platform complies with EN60601-1 ED3.1 CE, FCC Class B certifications to ensure medical operation safety.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the MPC152-845 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15" XGA TFT LCD with LED backlight
	Brightness (cd/m ²)	420 nits (XGA)
	Resolution	1024 x 768 (XGA)
	Viewing Angel (H/V)	160°/160°
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
I/O Connector	Onboard Graphics	Integrated in Intel® GFX
	1 x RS-232	
	1 x RS-232/422/485	
	2 x 10/100/1000 Mbps Ethernet	
	2 x USB 2.0	
	2 x USB 3.0	
	1 x Audio (Line-out)	
	1 x Switch for power on/off	
	1 x AT/ATX selectable switch	
	1 x 8-bit DIO (programmable, DB9)	
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA	
	1 x Full-size PCI Express Mini Card slot with SIM	
Touchscreen	Resistive type	
Power Supply	AC version: 100 to 240 V AC-DC, 65W power adapter	
	DC version: 9 to 36 VDC with over current protection fuse	
Power Consumption	32 W	
Dimension	387.9 mm (15.27") (W) x 54.6 mm (2.14") (D) x 307.7 mm (12.11") (H)	
Packing Dimensions	510 mm (20.08") (W) x 105 mm (4.13") (D) x 385 mm (15.16") (H)	
Weight (net/gross)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)	
Operating Temperature	0°C to +40°C (+32°F to +122°F)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operation Vibration	2G, 5- 500Hz, random for SSD	
Certifications	CE (EN 60601-1) and FCC Part 18	
	EN 60601-1-2 (ESD contact 8kV, air 15kV)	

Ordering Information

Standard

MPC152-845-J (P/N: E228152105)	15" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 65W power adapter (screw type connector) and EMI class B
MPC152-845-DC (P/N: E228152106)	15" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and DC power input (terminal block connector)

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x MPC152-845
1 x Adapter (MPC152-845-J)
1 x Power cord (MPC152-845-J)
1 x Phoenix connector (MPC152-845 DC)

Optional Accessories

Wi-Fi + Bluetooth kit

881251520A0E Panel mount kit

881251521A0E Wall mount kit

E226171119 Stand kit

881251203A0E RFID kit

Optional EOS Installation

WES 7

WE8S (64-bit)

Optional OS Installation

Windows® 7

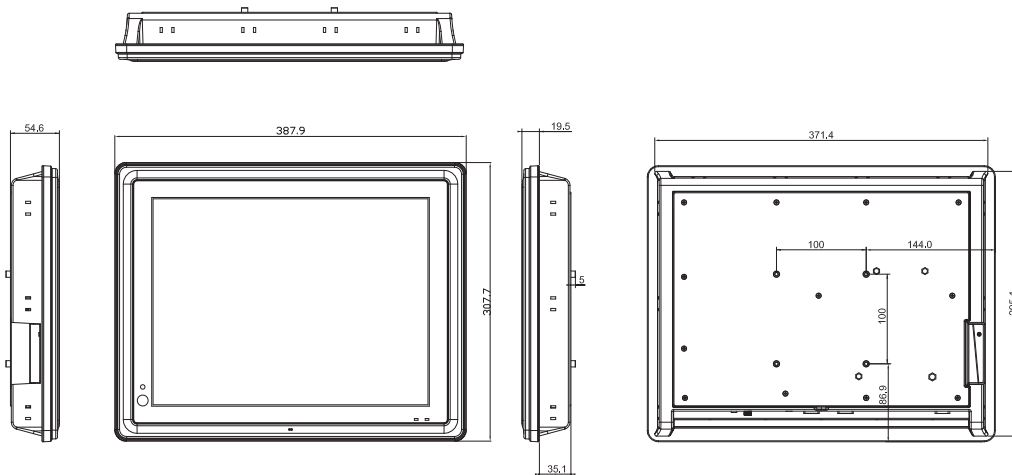
Windows® 8.1 (64-bit)

Windows® 10



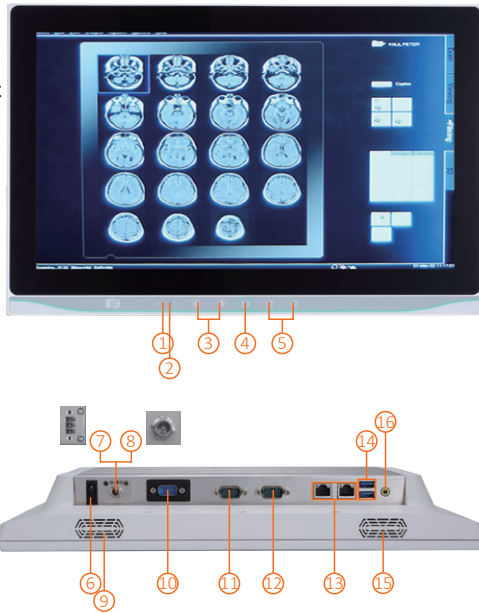
▲ AC power adapter
(for MPC152-845-J)

Dimensions



MPC153-834

15.6" WXGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor J1900



- | | |
|--|--------------------------|
| 1. Power LED | 9. Speaker |
| 2. HDD LED | 10. Isolated COM |
| 3. Brightness adjust +/- | 11. 1 x RS-232/422/485 |
| 4. Display on/off | 12. 1 x RS-232/422/485 |
| 5. Volume adjust | 13. 2 x LAN |
| 6. Power switch (ATX) | 14. 2 x USB 3.0 |
| 7. Terminal block for DC power input | 15. Speaker |
| 8. Screw connector with AC power adapter | 16. 1 x Audio (Line-out) |

Features

- 15.6" WXGA TFT LCD display with LED backlight
- 5-wire flat resistive touch for optional
- Fanless design with Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)
- EN 60601-1/CE/FCC class B certified
- Half-slim SSD and CFast™ or mSATA
- Antimicrobial plastic enclosure
- IP65 front bezel and IPX1 full enclosure design
- Supports wall mount, VESA arm and desktop stand
- Supports smart card reader (optional)



Smart card reader cover ▲ Rear view CFast™ cover



▲ Side view

Introduction

The MPC153-834 is a 15.6" fanless medical grade touch panel computer. In response to market demand, this medical touch panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is powered by the Intel® Celeron® processor J1900 4 cores up to 2.42 GHz (Bay Trail). For wireless network connection, the MPC153-834 offers 2 PCI Express Mini Card slots. By just plugging in a WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power input (9 to 36VDC) with terminal block connector and AC medical power adapter with screw type connector.

Slim & Lightweight Design

The 15.6-inch medical panel PC is slim and lightweight, perfect for limited space installation.

Built-in Internal WLAN Antenna

The MPC153-834 has 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the medical computer in wireless LAN/GPRS/GPS/4G environment.

Support Front Membrane Keys

The MPC153-834 has 5 membrane keys on the front panel which allows users to adjust the LCD on/off, LCD brightness and volume setting easily.

Certifications

This 15.6-inch fanless medical panel platform complies with EN 60601-1, CE, FCC Class B certifications to ensure medical operation safety.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD display with LED backlight
	Brightness (cd/m ²)	300 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor J1900 4 cores
	System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-slim SSD 1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
I/O Connector	Onboard Graphics	Integrated Intel® GFX
	2 x RS-232/422/485 (default RS-232) 1 x RS-232 with isolated 4kV 2 x 10/100/1000 Mbps Ethernet (Intel® i210-IT) 2 x USB 3.0 1 x Audio (Line-out)	
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA	
	1 x Full-size PCI Express Mini Card with SIM	
Touchscreen	5-wire flat resistive touch	
Power Supply	AC version: medical grade 100 to 240 V AC-DC, 60W power adapter	
	DC version: 9 to 36 VDC with terminal block	
Dimensions	394.2 mm (15.53") (W) x 57 mm (2.25") (D) x 257.2 mm (10.13") (H)	
Packing Dimensions	508 mm (20.00") (W) x 106 mm (4.17") (D) x 383mm (15.08") (H)	
Weight (net/gross)	3.0 kg (6.61 lb)/5.2 kg (11.46 lb)	
Operating Temperature	0°C to +40°C (32°F to +104°F, with RAM thermal kit)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operation Vibration	2G, 10- 500Hz, random for CFast™	
Certifications	CE, FCC class B and EN60601-1	

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

* The DC power source to be used with MPC153-834 must be galvanically isolated according to IEC60601-1 safety of medical devices!

Ordering Information

Standard

MPC153-834-FR-J (P/N: E228153102)	15.6" WXGA fanless medical touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, AC-DC 60 W power adapter (screw type connector), EMI class B and EN 60601-1 certified
--------------------------------------	---

* Other configuration by request

* Specification and certifications may vary based on different requirements

Packing List

1 x MPC153-834
1 x Adapter (MPC153-834-J)
1 x Power cord (MPC153-834-J)

Optional Accessories

Wi-Fi + Bluetooth kit

Smart card reader kit

Optional EOS Installation

WES 7

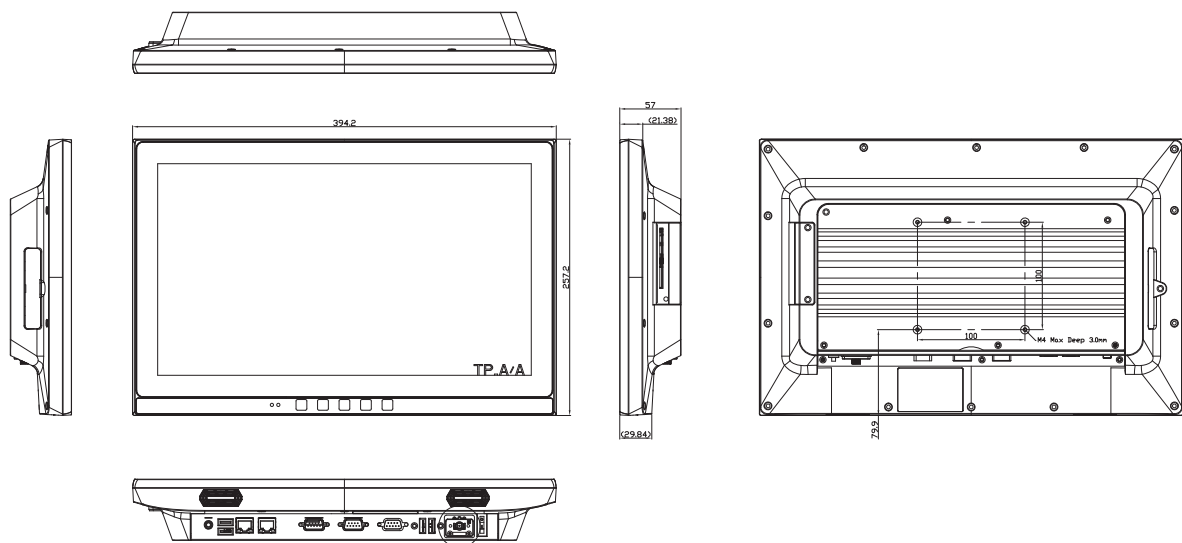
WE8S

Optional OS Installation

Windows® 7

Windows® 8.1

Dimensions



Phoenix plug for DC version



Din-jack for AC version



ASIA

Axiomtek Co., Ltd (HQ)

8F., No.55, Nanxing Road, Xizhi District,
New Taipei City 221, Taiwan

T/ +886-2-8646-2111

F/ +886-2-8646-2555

E/ info@axiomtek.com.tw

Axiomtek Technology (Shenzhen) Co., Ltd

Unit GH, 6F, Building 7 (Block B), Baoneng
Science and Technology Park, Longhua
Street, Qinghu Community, Qinghu Village,
Longhua District, Shenzhen, China

T/ +86-0755-66865899

F/ +86-0755-66863068

E/ axcn@axiomtek.com.cn

Axiomtek Japan Co., Ltd.

3F, 1-7-11, Higashi Nihonbashi,
Chuo-Ku, Tokyo
103-0004, Japan

T/ +81-(0)3-6206-0308

E/ info@axiomtek.co.jp

Axiomtek (Malaysia) Sdn. Bhd.

No 16, Jalan Tandang 51/205A,
Seksyen 51, 46050 Petaling Jaya, Selangor,
Malaysia

T/ +603-77731203

+603-77724403

E/ info@axiomtek.com.my

Axiomtek (Thailand) Co., Ltd.

7/17 Moo 6, Tumbol Banmai,
Amphur Pakkret, Nonthaburi,
Thailand 11120

T/ +662-573-4725

F/ +662-573-4726

E/ sales@axiomtek.co.th

USA

Axiomtek (U.S. HQ)

18138 Rowland Street, City of Industry,
CA 91748, USA

T/ +1-626-581-3232

F/ +1-626-581-3552

E/ info@axiomtek.com
sales@axiomtek.com

Regional Sales Office

Western Region ext. 116
Northeast/Southeast Region ext. 123
North Central Region ext. 189

T/ +1-626-581-3232

Axiomtek Systems

300 Griffin Brook Drive, Methuen,
MA 01844, USA

T/ +1-978-258-0108

EU

Axiomtek Deutschland GmbH

Elisabeth-Selbert-Straße 21a
40764 Langenfeld, Germany

T/ +49-2173-399360

E/ welcome@axiomtek.de

Axiomtek UK Limited

Peter House, Oxford Street, Greater
Manchester M1 5AN, UK

T/ +44(0)1612093680

E/ info@axiomtek.co.uk

Axiomtek Italia S.r.l.

Via Pavia, 21
20835 Muggiò (MB), Italy

T/ +39-02-664299.1 r.a.

E/ info@axiomtek.it

