ITC150WM
15.6” FHD TFT-LCD Slim Bezel Modular Panel PC Powered by Intel® Smart Display Module (SDM) CPU Card

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

Specifications

Front Bezel  metallic front bezel, IP54
LCD Panel
Display Type 15.6” FHD TFT-LCD
Brightness (cd/m²) 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
Left Side
1 x Power button with LED
1 x HDMI output
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)
Rear Side
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 60W (12V/5A) AC to DC power adapter
Power Consumption Average 45W
Dimensions 386 mm (15.1") (W) x 40 mm (1.6") (D) x 241 mm (9.5") (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, and CB
CPU Card Selection: SDM300-S
CPU Quad cores Intel® Pentium N4200 1.1GHz processor or Dual cores Intel® Celeron® N3350 1.1GHz processor (depends on CPU Card)
System Memory 2 x 260-pin DDR4-2400 SO-DIMM slot, up to 64GB
BIOS AMI UEFI BIOS
Storage 1 x eMMC 64GB onboard
Watchdog Timer 255 levels, 0 ~ 255 sec.
Onboard Graphics Intel® HD Graphics 600 (depends on CPU Card)
I/O Connector
Rear Side
1 x GbE LAN (depends on SDM I/O)
2 x USB 3.0 Type A
2 x SMA antenna reserved hole
Expansion Interface 1 x M.2 Key E 2230 slot (for SDM-S)
CPU Card Selection: SDM500-L
CPU Quad cores Intel® i5-8365UE 1.6GHz processor or Dual cores Intel® Celeron® 4305UE 2.0GHz processor (depends on CPU Card)
System Memory 2 x 260-pin DDR4-2400 26pin SO-DIMM slot, up to 64GB
BIOS AMI UEFI BIOS
Storage 1 x M.2 Key M 2280 slot
Watchdog Timer 255 levels, 0 ~ 255 sec.
Onboard Graphics Intel® UHD Graphics 620 (depends on CPU Card)
I/O Connector
Rear Side
1 x Power button with LED (depends on SDM I/O)
1 x HDMI output
1 x GbE LAN
2 x USB 3.0 Type A
1 x USB 3.0 Type C
1 x Audio output
1 x Microphone input
Expansion Interface 1 x M.2 Key E 2230 slot (for SDM-M)

Ordering Information

Standard
ITC150WM 15.6” FHD TFT-LCD slim bezel modular panel PC without Intel® SDM CPU card
ITC150WM-300S 15.6” FHD TFT-LCD slim bezel modular panel PC with Intel® SDM-S and Intel® Pentium® N4200 or Celeron® N3350 processor (depends on CPU card)
ITC150WM-500L 15.6” FHD TFT-LCD slim bezel modular panel PC with Intel® SDM-L and Intel® i5-8365UE or Celeron® 4305UE processor (depends on CPU card)

Optional
Add-on Module
M.2 SSD
Innodisk 4GB DDR4-2400 26pin SO-DIMM (P/N: E9C1913G01)
Innodisk 8GB DDR4-2400 26pin SO-DIMM (P/N: E9C1914G03)
Power Cord
AC power cord UE, L=1830 mm (P/N: 59903000000E)
AC power cord US, L=1830 mm (P/N: 59902000000E)

Optional OS Installation

Windows® 10 full 64-bit
Windows® 10 IoT 64-bit

Dimensions

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