eBOX671-517-FL

Fanless Embedded System with LGA1151 Socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor, Intel® Q170, HDMI, DVI-D, VGA, 8-CH PoE, 6 USB and 24 VDC

Features

- 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processors (35W/65W) and Intel® Q170
- 8-CH PoE/GbE onboard
- 2 front-access SIM slots
- Supports 6-in/2-out isolated DIO
- -40°C to +70°C extended operating temperature
- Optional ignition feature supported

Specifications

- **Standard Color**: Silver
- **Construction**: Aluminum extrusion and heavy-duty steel, IP40
- **CPU**: LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processors (35W/65W)
- **System Memory**: 2 x Z60-pin DDR4 non-ECC SO-DIMM, up to 32GB
- **Chipset**: Intel® Q170
- **BIOS**: AMI UEFI BIOS
- **System I/O Outlet**:
  - 2 x RS-232/422/485
  - 1 x HDMI 1.4b
  - 1 x VGA
  - 1 x DVI-D
  - 1 x Audio (Line-out & MIC-in)
  - 8 x Gigabit PoE (IEEE 802.3af/802.3at) port (Intel® i211-AT, max. up to 90W)
  - 4 x USB 3.0
  - 2 x USB 2.0
- **System Indicator**:
  - 1 x green LED for system power-on
  - 1 x yellow LED for HDD active
- **Power Input**: 24 VDC (ACC is disabled by default)
- **Operating Temperature**:
  - 35W Tj=100°C CPU: -40°C to +70°C (-40°F to +158°F) with W.T. SSD
  - 65W Tj=100°C CPU: -40°C to +55°C (-40°F to +131°F) with W.T. SSD
  - 35W Tj=80°C CPU: -40°C to +50°C (-40°F to +122°F) with W.T. SSD
- **Humidity**: 10% to 90%, non-condensing
- **Shock**: IEC 60068-2-27 (with SSD: 50G, half sine, 11 ms duration)
- **Vibration Endurance**: IEC 60068-2-64 (with SSD: 3Grms STD, random, 5 - 500 Hz, 1 hr/axis)
- **Dimensions**: 280 mm (11.2”) (W) x 210 mm (8.26”) (D) x 79.6 mm (3.13”) (H)
- **Weight (net/gross)**: 4.31 kg (9.5 lb)/5.1 kg (11.24 lb)
- **Certifications**: CE, FCC Class A
- **EOS Support**: Win 10 IoT, Linux, AXView 2.0

* Specifications and certifications may vary based on different requirements.

Packing List

1 x Quick manual
1 x Driver CD
1 x Terminal block connector
4 x Pre-installed foot pad

Power Protection

- DC Version
  - OVP (over voltage protection)
  - UVP (under voltage protection)
  - SCP (short current protection)

Ordering Information

- **eBOX671-517-FL-D**: Fanless embedded system with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processors, Intel® Q170, VGA, DVI-D, HDMI, 8-CH PoE, 6 USB and 24 VDC

Optional

- 2.5” SATA HDD
- 2.5” SATA SSD
- DDR4 SO-DIMM
- mSATA
- Wi-Fi module
- 3G/LTE module
- Wall mount kit
- DIN-rail kit
- 24V 120W adapter
- AX92903 CANbus PCI Express Mini module
- AX92903 CAN module with CANopen
- AX92902 LAN PCI Express Mini module
- AX92906 COM PCI Express Mini module
- AX92904 DIO PCI Express Mini module

* Specifications and certifications may vary based on different requirements.

Dimensions