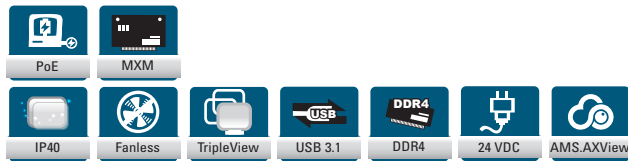


eBOX671-521-FL NEW

Fanless Embedded System with LGA1151 9th/8th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor, 4-CH PoE and MXM 3.1 Type A

Features

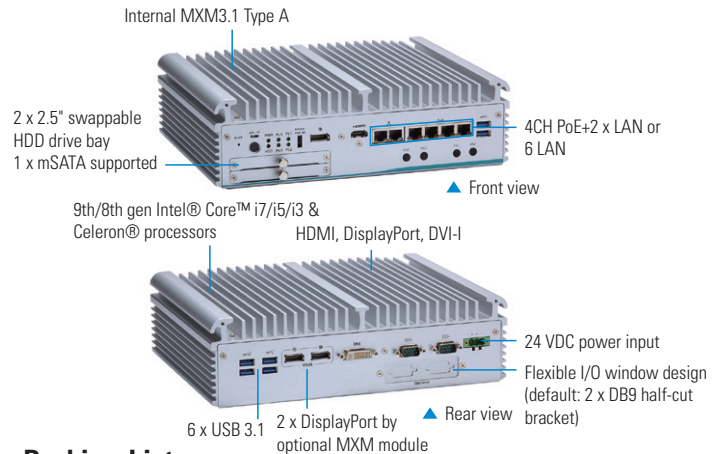
- 9th/8th gen Intel® Core™ i7/i5/i3 & Celeron® with Intel® Q370 chipset (Coffee Lake/Coffee Lake Refresh-S)
- 4-CH PoE (IEEE802.3at compliance)
- Dual swappable 2.5" SATA HDD drive bays with RAID 0 & 1
- Supports MXM 3.1 type A graphics module (optional)
- DVI-I, HDMI, and DisplayPort with triple-view supported
- AMS.AXView intelligent remote monitoring software for IIoT



Specifications

| | |
|-----------------------|---|
| Standard Color | Silver |
| Construction | Aluminum extrusion and heavy-duty steel, IP40 |
| CPU | LGA1151 9th gen Intel® Core™ i7/i5/i3 & Celeron® processors (35W) LGA1151 8th gen Intel® Core™ i7/i5/i3 & Celeron® processors (35W/65W) |
| System Memory | 2 x 260-pin DDR4-2666 SO-DIMM, up to 64GB (ECC supported by Intel® C246 PCH) |
| Chipset | Intel® Q370/optional Intel® C246 PCH |
| BIOS | AMI |
| System I/O Outlet | 2 x RS-232/422/485 2 x DisplayPort via optional MXM kit 1 x HDMI, 1 x DisplayPort, 1 x DVI-I 4 x Power over Ethernet (IEEE802.3at), up to 60W 2 x 10/100/1000 Mbps Ethernet (i210-IT & i219-LM) 4 x USB 3.1 Gen2, 2 x USB 3.1 Gen1 1 x Phoenix type VDC power input connector 1 x AT/ATX quick switch 1 x ATX power switch 1 x Reset switch 1 x Remote switch 1 x Flexible I/O window (Default : 2 x DB9 half-cut bracket) 4 x SMA-type antenna connector |
| Watchdog Timer | 255 levels, 1 to 255 sec. |
| Storage | 2 x 2.5" HDD drive bay (max. up 9.5 mm height) 1 x mSATA (enabled in BIOS setting) |
| Expansion Interface | 2 x Full-size PCI Express Mini Card slot (USB + PCIe signal) 2 x SIM slot 1 x internal MXM3.1 type A connector |
| TPM | TPM 2.0 |
| System Indicator | 1 x Green LED for system power-on 1 x Green LED for HDD active 4 x Green LED for programmable |
| Power Input | 24 VDC |
| Operating Temperature | Without MXM module: -40°C to 60°C (-40°F to +140°F) (with W.T. DRAM & SSD, CPU TDP 35W) -40°C to 50°C (-40°F to +122°F) (with W.T. DRAM & SSD, CPU TDP 65W) With MXM module: -40°C to 50°C (-40°F to +122°F) (with W.T. DRAM & SSD & MXM kit, CPU TDP 35W) |
| Humidity | 10% - 90%, non-condensing |
| Shock Vibration | IEC 60068-2-27 (w/ SSD: 50G, half-sine, 11 ms duration) |
| Vibration Endurance | IEC 60068-2-64 (w/ SSD: 3Grms STD, random, 5 - 500 Hz, 1 hr/axis) |
| Dimensions | 280 mm (11.02") (W) x 210 mm (8.26") (D) x 80.5 mm (3.16") (H) |
| Weight (net/gross) | 4.8 kg (10.58 lb)/5.6 kg (12.34 lb) |
| Certifications | CE, FCC Class A |
| EOS Support | Win 10 IoT, Linux |
| Software Support | AMS.AXView |

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



Packing List

- 1 x Quick manual
- 1 x Driver CD
- 1 x Screw pack
- 4 x Pre-installed foot pad
- 1 x 3-pin terminal block connector
- 1 x Remote switch cable

Power Protection

DC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- OCV (over current protection)
- SCP (short circuit protection)
- Reserve protection

Ordering Information

Standard

| | |
|------------------------|--|
| eBOX671-521-FL-DC-4PoE | Fanless embedded system with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® Q370, DVI-I, HDMI, dual HDD, 4 PoE, 2 GbE LAN, 6 USB, 2 COM and 24 VDC |
| eBOX671-521-FL-DC-6GbE | Fanless embedded system with LGA1151 9th/8th gen Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® Q370, DVI-I, HDMI, dual HDD, 6 GbE LAN, 6 USB, 2 COM and 24 VDC |

Optional

| | |
|---------------|--|
| 2.5" SATA HDD | 80GB or above |
| 2.5" SATA SSD | 100GB or above |
| DDR4 SO-DIMM | 4GB to 32GB |
| mSATA | 64GB or above |
| 8816K6718A0E | Wall mount kit |
| 8816K6719A0E | DIN-rail kit |
| 8816K6603A0E | Wi-Fi module |
| | 3G/LTE module |
| | MXM 3.1 type A module |
| 50906D24000E | 24V 120W power adapter |
| E392903102 | AX92903 CANbus PCI Express Mini module |
| E392903103 | AX92903 CAN module with CANopen |
| E392902103 | AX92902 LAN PCI Express Mini module |
| 59406392140E | RS-232 cable, L=200 mm for COM3/4 |
| E392904102 | AX92904 DIO PCI Express Mini module |

* Specifications and certifications may vary based on different requirements.

Dimensions

