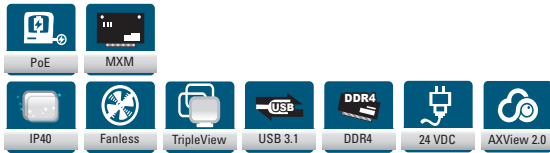


# eBOX671-521-FL NEW

Fanless Embedded System with LGA1151 8th Gen Intel® Core™ i7/i5/i3 & Celeron® Processors, 4-CH PoE and MXM Graphics Module

## Features

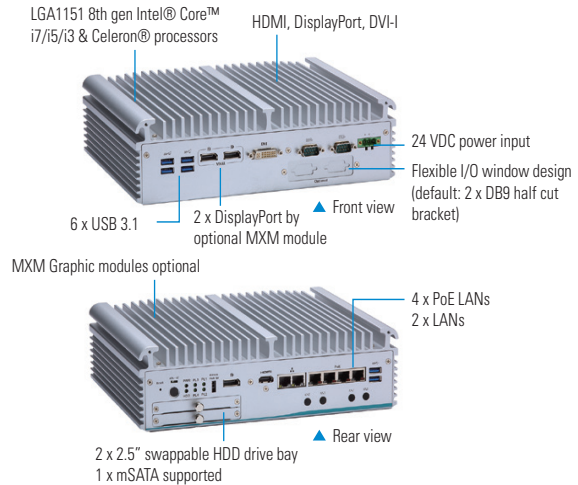
- 8th gen Intel® Core™ i7/i5/i3 & Celeron® with Intel® Q370 chipset (Coffee Lake-S)
- 4-CH GbE PoE (IEEE802.3at)
- Dual swappable 2.5" SATA HDD drive bay
- ECC memory supported by optional Intel® C246
- Supports MXM graphics module (optional)
- DVI-I, HDMI, and DisplayPort with triple-view supported
- AXView 2.0 intelligent remote monitoring software for IIoT



## Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	LGA1151 8th gen Intel® Core™ i7/i5/i3 & Celeron® processors (35W/65W)
System Memory	2 x 260-pin DDR4-2666 SO-DIMM, up to 32GB (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 MXM module (optional) 1 x HDMI 1 x DisplayPort 1 x DVI-I 2 x 10/100/1000 Mbps Ethernet 4 x Gigabit PoE (IEEE 802.3at) port (max. up to 60W) 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
TPM	TPM 2.0
System Indicator	1 x blue LED for system power-on 1 x orange LED for HDD active 4 x Programmable LED
Power Input	24 VDC
Operating Temperature	-20°C to 60°C (4°F to +140°F) (with W.T. DRAM & SSD, CPU TDP 35W) -20°C to 50°C (4°F to +122°F) (with W.T. DRAM & SSD, CPU TDP 65W)
Humidity	10% to 90%, non-condensing
Shock Vibration	IEC 60068-2-27 (w/SSD: 50G@wall mount, half sine, 11 ms duration)
Vibration Endurance	IEC 60068-2-64 (w/SSD: 3Grms STD, random, 5 - 500 Hz, 1 hr/axis)
Dimensions	280mm (11.02") (W) x 210mm (8.26") (D) x 80.5mm (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, AXView 2.0

\* 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-Q370	Fanless embedded system with LGA1151 8th gen Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® Q370, DVI-I, HDMI, dual HDD, 4 PoE, 2 GbE LANs, 6 USB, 2 COM and 24 VDC
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### Optional

2.5" SATA HDD	80GB or above
2.5" SATA SSD	100GB or above
DDR4 SO-DIMM	4GB to 16GB
mSATA	64GB or above
	Wall mount kit
	DIN-rail kit
	Wi-Fi module
	3G/LTE module
	MXM module
	MXM Fan kit
TBC	24V, 2W adapter
50906D24000E	AX92903 CANbus PCI Express Mini module
E392903102	AX92903 CAN module with CANOpen
E392903103	AX92902 LAN PCI Express Mini module
E392902103	AX92906 COM PCI Express Mini module
E392906101	AX92904 DIO PCI Express Mini module
E392904102	

\* Specifications and certifications may vary based on different requirements.

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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