

eBOX710-521-FL NEW

Fanless Embedded System with LGA1151 Intel® Xeon®, 9th/8th Gen Intel® Core™ i7/i5/i3/ Celeron® Processor, Intel® C246, ECC/Non-ECC and 1 PCIe x4 Expansion Slot

Features

- Intel® Xeon®, 9th/8th gen Intel® Core™ i7/i5/i3 or Celeron® processor
- 2 DDR4 ECC/non-ECC memory supported, up to 64GB
- Dual swappable 2.5" SATA HDD drive bays with RAID 0 & 1
- DVI-I, HDMI, and DisplayPort with triple-view supported
- 6 GbE LAN, 6 USB 3.2 and 1 PCIe x4 expansion slot
- Flexible I/O window supported



Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	LGA1151 Intel® Xeon®, 9th/8th gen Intel® Core™ i7/i5/i3 or Celeron® processor
System Memory	2 x 260-pin DDR4-2666 ECC/non-ECC SO-DIMM, up to 64GB*
Chipset	Intel® C246 PCH
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 1 x HDMI, 1 x DisplayPort, 1 x DVI-I 6 x 10/100/1000 Mbps Ethernet (5 x i210-IT & i219-LM) 4 x USB 3.2 Gen2, 2 x USB 3.2 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 PCIe x4 slot
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	-40°C to 70°C (-40°F to 158°F) (with W.T. DRAM & SSD, CPU TDP 35W)
Humidity	10% - 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	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

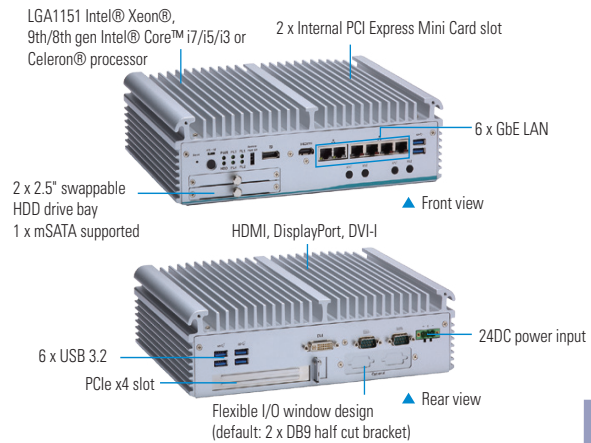
* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.
* ECC memory can be supported by Intel® Xeon® and i3 processor only.

Packing List

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

Updated Mar. 12, 2020.

* All specifications and photos are subject to change without notice.



Power Protection

DC Version

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

Ordering Information

Standard

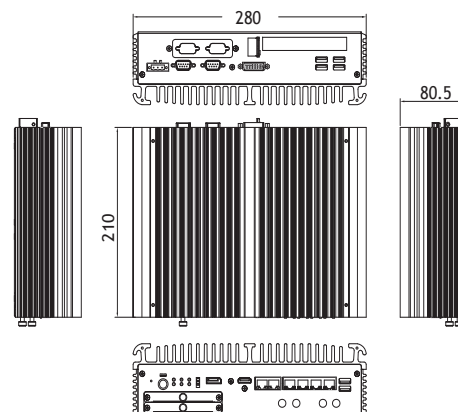
eBOX710-521-FL-PCI-E-DC	Fanless embedded system with LGA1151 Intel® Xeon®, 9th/8th gen Intel® Core™ i7/i5/i3 or Celeron® processor, Intel® C246, ECC/non-ECC memory 1 PCIe x4 expansion slot and 24 VDC
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Optional

2.5" SATA HDD	80GB or above
2.5" SATA SSD	100GB or above
DDR4 SO-DIMM	4GB to 32GB
mSATA	64GB or above
8816K6718A0E	Wall mount kit
8816K6719A0E	DIN-rail kit
8816K6603A0E	Wi-Fi module
	3G/LTE module
50906D24000E	24V, 120W 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
E392905103	3.5 mm audio I/O & half PCI Express Mini module

* Specifications and certifications may vary based on different requirements.

Dimensions



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