

eBOX700-891-FL

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Fanless Embedded System with LGA1151 Socket 6th/7th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor, Intel® H110, 2 HDMI/DisplayPort, 4 GbE LANs, 6 USB, 1 PCIe x4 Expansion and 9 ~ 36 VDC

Features

- Fanless operating temperature range from -40°C to +50°C
- 6th/7th Gen Intel® Core™ i7/i5/i3 & Celeron® processor
- 1 PCIe x4 expansion slot
- 6 USB ports and 4 GbE LANs
- 2 full-size PCI Express Mini Card slots for WLAN/WWAN/mSATA
- 1 internal USB Type A connector



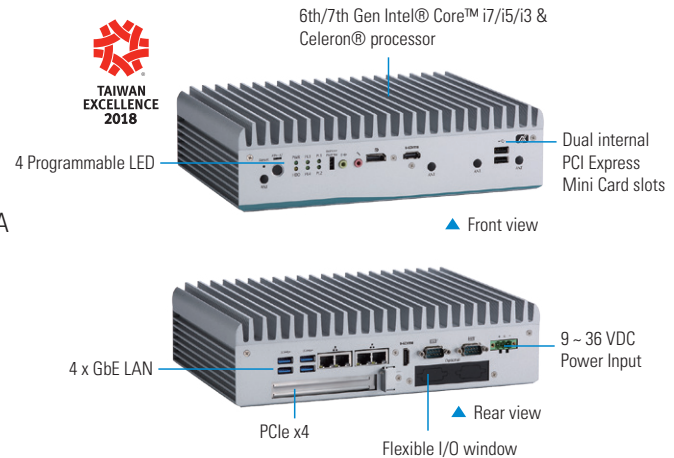
Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	LGA1151 socket 6th/7th Gen Intel® Core™ i7/i5/i3 & Celeron® processor
System Memory	2 x 260-pin DDR4-2133 SO-DIMM, up to 32GB
Chipset	Intel® H110
BIOS	AMI UEFI BIOS
System I/O Outlet	2 x RS-232/422/485 2 x HDMI (1 x HDMI 2.0 & 1 x HDMI 1.4b) 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 4 x 10/100/1000 Mbps Ethernet (Intel® 3 x i210IT, 1 x i219LM) 4 x USB 3.0 2 x USB 2.0 4 x SMA type connector opening for antenna 1 x 9 ~ 36 VDC power input connector 1 x ATX power switch 1 x Remote power switch 1 x ATX/AT quick switch 1 x Reset button
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SSD/HDD 1 x mSATA (optional)
Expansion Slot	2 x full-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x SIM slot 1 x PCIe x4 slot 1 x internal USB Type A for license dongle kit usage
System Indicator	1 x Yellow/Blue LED for system power Standby/on 1 x Yellow LED for HDD active 4 x Programmable Green LED
Power Supply	9 ~ 36 VDC
Operating Temperature	-40°C ~ +50°C (-40°F ~ +122° F) (with W.T. SSD)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	3 Grms with SSD (5 ~ 500Hz, X, Y, Z directions)
Weight	3.8 kg (8.37 lb)/4.6 kg (10.14 lb)
Certification	CE, FCC Part 15B Class A
Dimensions	280 mm (11.02") (W) x 190 mm (7.48") (D) x 100 mm (3.93") (H)
EOS Support	Win 10 IoT, Linux

* 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 Remote power cable
- 1 x Terminal block
- 4 x Foot pad (pre-install)



Power Protection

DC Version

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

Ordering Information

Standard

eBOX700-891-FL-DC	Fanless embedded system with LGA1151 socket 6th/7th gen Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® H110, 2 HDMI/DisplayPort, 4 GbE LANs, 6 USB, 1 PCIe x4 expansion and 9 ~ 36 VDC
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Optional

2.5" SATA HDD	80GB or above
2.5" SATA SSD	40GB or above
DDR4 SO-DIMM	4GB ~ 16GB (W/T)
Wi-Fi module	8816K6603AOE
3G module	881606206AOE
Wall mount kit	8816K7300AOE
DIN-rail kit	8816K6702AOE
24V 120W adapter	50966D45000E

*Specifications and certifications may vary according to various options.

Dimensions

