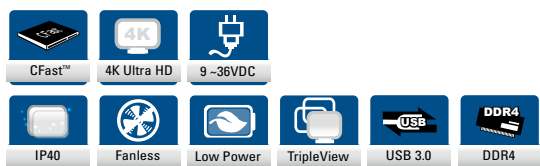


eBOX670-891-FL NEW

Fanless Embedded System with LGA1151 Socket 6th/7th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor, Intel® Q170, 2 HDMI, 1 DisplayPort, 4 GbE LANs, 6 USB 3.0, Dual Mini PCIe Card Slots and Wide Range DC-in

Features

- LGA1151 socket 6th/7th Intel® Core™ i7/i5/i3 & Celeron® processors (Skylake)
- 260-pin DDR4-2133 SO-DIMM, up to 32GB
- 2 internal PCI Express Mini Cards and 1 SIM slot for WLAN/WWAN/mSATA
- 1 DisplayPort and 2 HDMI (1 HDMI 2.0) with triple view supported
- Supports Jumbo Frame (9.5k), WoL, PXE Remote Boot, Teaming
- 9-36 VDC wide range power input
- Flexible I/O module design

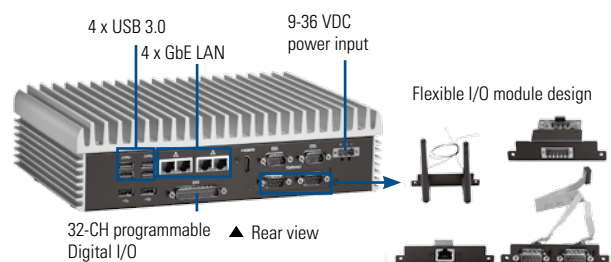
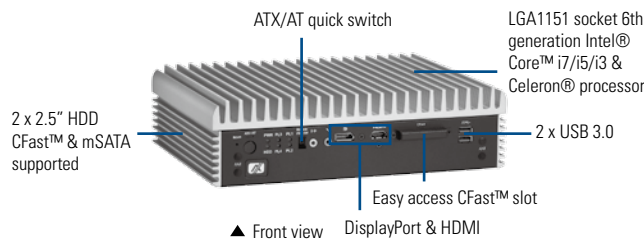


Specifications

| | |
|-----------------------|---|
| 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 (CPU TDP max. up to 35 W) |
| System Memory | 2 x 260-pin DDR4-2133 MHz SO-DIMM, up to 32GB |
| Chipset | Intel® Q170 |
| BIOS | AMI |
| System I/O Outlet | 4 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® i210IT, i219LM) 6 x USB 3.0 2 x USB 2.0 32-channel programmable DI/DO 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 AT/ATX quick switch 1 x Reset button |
| Watchdog Timer | 255 levels, 1 ~255 sec. |
| Storage | 2 x 2.5" SATA HDD drive bay (Supports RAID 0&1) 1 x CFAST™ 1 x mSATA |
| Expansion Interface | 2 x full-size PCI Express Mini Card slots (USB + PCI Express signal) 1 x SIM slot |
| System Indicator | 1 x green LED for PWR status 1 x orange LED for HDD active 4 x green LED for programmable |
| Power Supply | 9-36 VDC |
| Operating Temperature | -40°C ~ +55°C (-40°F ~ 131°F) (with W.T. SSD, CPU TDP 35W) |
| Humidity | 10% ~ 95% , non-condensing |
| Vibration Endurance | 3 Grms with CFAST™ (5 - 500 Hz, X, Y, Z directions) |
| Dimensions | 280 mm (11.02") (W) x 190 mm (7.48") (D) x 70 mm (2.75") (H) |
| Weight (net/gross) | 3.8 kg (8.37 lb)/ 4.6 kg (10.14 lb) |
| Certificate | CE |
| EOS Support | WE8S, WES7, Win10, Linux |

Packing List

| | |
|------------------------------|-------------------------|
| 1 x Quick manual | 1 x Terminal Block |
| 1 x Driver cd | 1 x Remote switch cable |
| 1 x Screw pack | 2 x HDD Bracket |
| 4 x Foot pad (pre-installed) | 1 x CPU Thermal Pad |



Power Protection

DC Version

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

Ordering Information

Standard

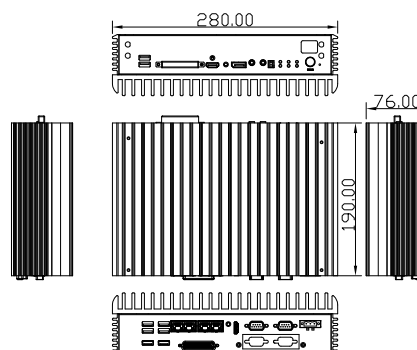
| | |
|-------------------|--|
| eBOX670-891-FL-DC | Fanless embedded system with LGA1151 socket 6th/7th gen Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® Q170, 2 HDMI, 1 DisplayPort, 4 GbE LANs, 6 USB 3.0, CFAST™, dual PCIe Mini Card, 9-36 VDC |
|-------------------|--|

Optional

| | |
|----------------|-----------------|
| 2.5" SATA HDD | 80GB or above |
| 2.5" SATA SSD | 40GB or above |
| DDR4 SO-DIMM | 4GB-16GB (W.T.) |
| CFAST™ | 64MB (W.T.) |
| Wi-Fi module | |
| 3G/LTE module | |
| Wall mount kit | 8816K670030E |

*Specifications and certifications are based on requirements and may vary.

Dimensions



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