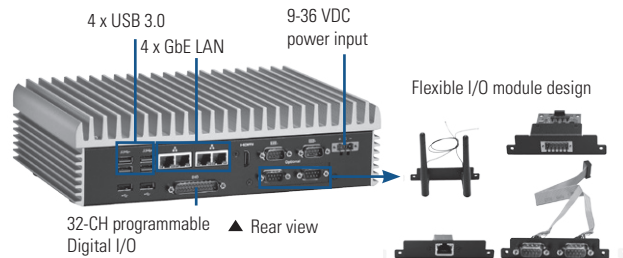
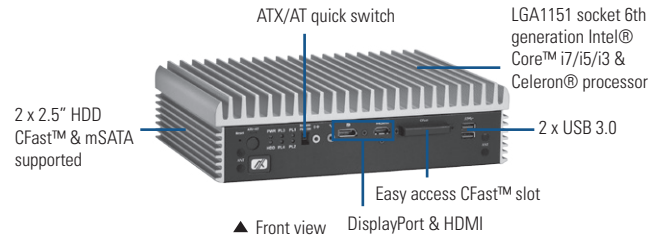
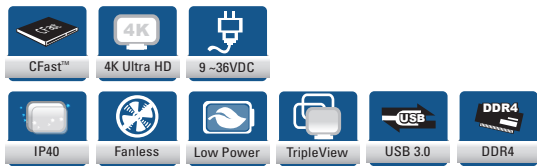


# eBOX670-891-FL NEW

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/Kaby Lake)
- 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 generation 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 ~ +60°C (-40°F ~ +140°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
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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.)
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

