



**Fanless Embedded System with
7th/6th Gen Intel® Core™ &
Celeron® Processor, Intel® Q170,
(3) HDMI, (4) USB 3.0, (2) COM,
PCIe Mini Card and 19VDC input**



Features

- LGA1151 socket 6th/7th Intel® Core™ i7/i5/i3 & Celeron® processors (Skylake/Kaby Lake)
- (2) Gigabit Ethernet supported
- (2) 2.5" SATA HDD drive tray & (1) mSATA
- 19VDC power input
- Watchdog timer

CPU

- LGA1151 socket 6th/7th gen Intel® Core™ i7/i5/i3 & Celeron® processor (TDP max. 35 W)

Chipset

- Q170

System Memory

- (2) 288-pin DDR4 2133 SO-DIMM up to 32 GB

Display Interface

- Intel® integrated Gfx graphic engine
- (3) HDMI

Ethernet

- (2) Gigabit Ethernet (Intel® i211AT, i219LM)

Audio

- (1) Audio (Mic-in/Line-in/Line-out)

Storage

- (2) 2.5" SATA Tray (no support hot-swap)

Switches

- (1) ATX power switch

I/O Interface

- (2) RS-232 serial ports
- (2) USB 2.0 & (4) USB 3.0
- (2) SMA type connector opening for antenna

Expansion

- (2) Full-Size Mini PCI Express Mini Card (one for mSATA & one for WIFI module)

Power Requirement

- (1) 19VDC jack with 120W Adapter

Environment Spec

- 0°C ~ +40°C operation temperature
- Operation humidity under 10% ~ 95%

EOS Support

- Win10 IoT, Win 7, Linux

Dimension

- 290 x 207 x 65 mm

Ordering Information

EBS-3J01 Fanless embedded system with LGA1151 socket 6th/7th gen Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® Q170