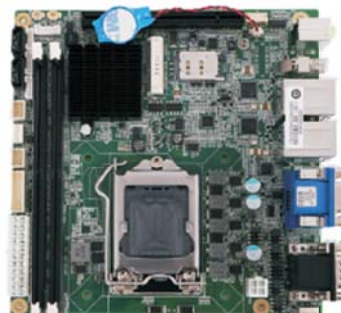




## EC7-1820

### Mini-ITX SBC with Apollolake Chipset

- Onboard Intel Celeron J3455/N3350 Processor
- ApolloLake chipset
- 2\*DDR3L 1333Mhz U-DIMM slot, up to 8G
- VGA+HDMI+ LVDS
- 6 x USB2.0/2 x USB3.0/6 x COM/1 x 8bit GPIO
- 2 x Lan



#### Specifications

Processor	Onboard Intel Celeron J3455/N3350 processor
Chipset	ApolloLake
Memory	2*DDR3L 1333Mhz U-DIMM slot, up to 8G
Display	VGA+HDMI+ LVDS
Audio	Supports HAD (Mic-in, Line-out)
Lan	2 x 10/100/1000Mbps Lan ports
Storage	2 x SATA or 1 x SATA/1 x M-SATA (optional)
I/O interface	6 x USB2.0, 2 x USB3.0, 6 x COM, 1 x 8bit GPIO, 1 x Mini-PCle, 1 x SIM card slot
Expansion Bus	1 x PCIE x1(x4 connector), SPI, I2C, SMBUS,LPC bus ,ect
Operating Temperature	-10℃~65℃; 5%~95%(non-condensing)
Storage Temperature	-40℃~80℃, 5%~95% (non-condensing)
Watchdog Timer	255 levels, programmable by second/minute, timeout interrupt or system reset.
Power Supply	Single 12V power supply/ATX power supply
Dimensions	170 * 170mm

#### Dimension

Unit:mm

#### Ordering Information

Part Number	Model Number	Description
0030-021271	EC7-1820-J3455	Mini-ITX SBC/Intel ApolloLake J3455 Quad-core 1.5GHz CPU/2 x DDR3L slots/VGA+HDMI+_LVDS/1 x SATA/1 x M-SATA/2 x Gbe/8 x USB/6 x COM/2 x PS2/HAD/1 x MiniPCle/1 x PCle/ATX power supply



0030-021281	EC7-1820-N3350	Mini-ITX SBC/Intel ApolloLake N3350 Dual-core 1.1GHz CPU/2 x DDR3L slots/VGA+HDMI+_LVDS/1 x SATA/1 x M-SATA/2 x Gbe/8 x USB/6 x COM/2 x PS2/HAD/1 x MiniPCle/1 x PCle/Single 12V power supply
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