

eCC52 Technical Data



CPU Support

- DCPU Support
- Onboard Intel® Celeron® processor J3455 Quad Core, 1.50GHz

Main Memory

- 1 x DDR3L 1866 SO-DIMM socket, support up to 8GB
- Display Option
- 3 x HDMI

I/O Interface-Front

- ATX power on/off switch
- 3 x HDMI
- 3 x Intel® I210 GbE LAN ports; support WoL, teaming and PXE
- 2 x USB 2.0 (500mA per each)
- 1 x Antenna hole
- 1 x 2-pin remote power on/off switch

I/O Interface-Rear

- 6 x USB 3.0 ports (900mA per each)
- 1 x DB44 serial port for 4 x COM port
 - COM1: RS232/422/485 with auto flow control and -jumper-free setting
 - COM2 & COM3 & COM4: full RS232 signal
- LED indicator for TX/RX
- 1 x Antenna hole
- 1 x 3-pin DC input, support +9V to 30V DC input

I/O Interface-Internal

- 4 x GPI and 4 x GPO (programmable to GPI or GPO)
- 1 x Nano SIM card holder

Expansion Slot/Storage

- 2 x mini-PCIe socket for optional Wi-Fi/BT/4G LTE/mSATA

mini-PCIe	USB	PCIe	SATA	Msata	4G/LTE	Wi-Fi/BT
Mini Card1	v	x	v	Support	Support	N/A
Mini Card2	v	v	v	Support	Support	Support

Power Requirements

- Power input: +9 to +30V DC
- 1 x Optional 24V, 60W power adapter

Support OS

- Windows 10 64-bit
- Linux Kernel

Dimensions

- 162mm (W) x 150mm (D) x 26mm (H) without wall mount bracket

Construction

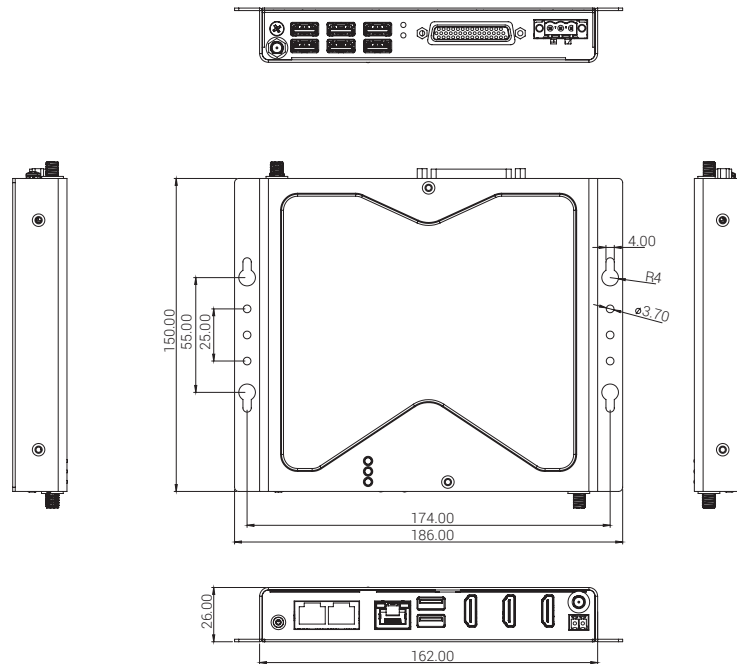
- Metal chassis with fanless design

Environment

- Operating temperature
 - Ambient with air flow: -5°C to 55°C (according to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
 - Storage temperature: -20°C to 75°C
- Relative humidity: 10% to 95% (non-condensing)
- Shock protection
 - mSATA: 50G, half sine, 11ms, IEC60068-2-27
 - Vibration protection with mSATA condition
 - Random: 2Grms @ 5~500 Hz, IEC60068-2-64
 - Sinusoidal: 2Grms @ 5~500 Hz, IEC60068-2-6

Certifications

- CE
- FCC Class A



Ordering Information

Model	Part Number	Description
eCC52	+70ECC52A01	Intel® Celeron® Processor J3455 Quad Core Fanless System