

Intel® Core™ i7-8565U 4 LAN, 6 COM, 8 USB, Wifi/4G WWAN Rugged In-Vehicle Computer

Features

- High-performance Rugged Fanless In-Vehicle Computer
- Powered by Intel® Core™i7-8565U(4 Core, 4.6 GHz, 15W)
- Supports 2x SODIMM DDR4 up to 32GB Memory
- Supports mSATA SSD
- 4x GbE LAN port (2x M12, 2x RJ45), 2x VGA HD display (1x M12, 1x DB15)
- 6x COM (RS-232/485) ports (M12 isolated)
- 2x CAN bus (Optional), 2 x PoE/PoE+(Optional, 802.3af/at)
- Available with Mini-PCIe slot for Wi-Fi, Bluetooth, GNSS
- 1 x M.2 3052 B-key for 4G/5G
- 4x USB3.0 (Type-A) & 4x USB2.0 (M12) ports
- Supports Windows/Linux etc



I/O Interfaces



Specifications

Processor

Intel® Core™ i7-8565U Processor

Memory

2 x SO-DIMM DDR4 (Up to 32GB)

Storage

1 x Mini-PCIe for mSATA SSD

Display

1 x VGA (M12)

1 x VGA (DB15)

Expansion Slots

2 x Mini PCIe Slots

1 x Mini PCIe for SSD

1 x M.2 3052 key B for 4G/5G

I/O Interfaces

2 x USB2.0

2x GbE LAN (M12)

2x GbE LAN (RJ45)

2 x PoE/PoE+(Optional, 802.3af/at)

1 x RS-232/422/485, 1 x RS232

2 x CAN2.0B (Optional)

4 x SMA Holes

RF Communication

Wi-Fi: 802.11 a/b/g/n/ac/ax (optional)

Cellular: 4G/LTE (optional)

Bluetooth: BT 4.0/5.2 (optional)

GNSS: GPS, Glonass, BeiDou, Galileo (optional)

Audio

Mic in, line out

OS

Support Windows 10/7

Support Linux

Power

DC Input: 9 to 36VDC

Power Mode: ATX/AT

Environment

Operating Temperature: -30~50°C

Storage Temperature: -40~85°C

Relative Humidity: 5~95%, non-condensing

Mechanical

Dimensions (W x D x H): 273.6 x 199.2 x 65.6 mm

Weight (N.W): 4Kg

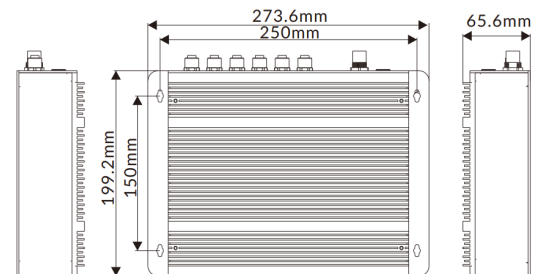
Material: Aluminum and SGCC

Mounting: Desktop

Certification

CE, FCC, RoHS, UKCA

Dimensions



273.6 x 199.2 x 65.6 mm

Optional Accessories

4GB/8GB SODIMM DDR3L Memory

128GB/256GB/512GB/1TB/2TB mSATA SSD

Wi-Fi 802.11 b/g/n/AX

4G LTE/5G WWAN