

12th Gen Intel® i7-1255U Fanless Industrial Appliance with 4 LAN, 6x COM, 2x Displays

Features

- Intel Core™ i7-1255U processor
- 1x DDR4 3200 MHz SO-DIMM up to 32GB
- 6x COM (2x RS-232/485)
- 2x LAN, 6x USB, 1x HDMI, 1x VGA
- 1x M.2 2280 NVME
- 1x Full length Mini PCIe
- Support WiFi/Bluetooth/GNSS/Cellular Networks (optional)
- Energy Efficient, Low Power Consumption
- Support Windows 10/11/Linux etc.
- Perfect for industrial applications



I/O Interfaces



Specifications

Processor

Intel Core™ i7-1255U processor

Memory

1x DDR4 SO-DIMM up to 32GB

Storage

1x M.2 2280 NVME

Display

1x HDMI, 1x VGA

Expansion Slots

1x Full length Mini PCIe
1x M.2 2280 NVME

I/O Interfaces

2x USB 2.0, 4x USB 3.0
6x COM (2x RS-232/485)
2x RJ45 GbE Intel I210AT
1x SIM card slot (inside)
3x SMA antenna holes

RF Communication

Wi-Fi: Mini PCIe expansion (optional)
Cellular: Mini PCIe expansion (optional)
Bluetooth: PCIe expansion (optional)
GNSS: Mini PCIe expansion (optional)

Audio

Mic in, line out

OS

Support Windows 10/11
Support Linux, Ubuntu

Power

DC Input: 9-36V DC
Power Mode: AT/ATX

Environment

Operating Temperature: -10 to 60°C (14 to 140°F)
Storage Temperature: -20 to 60°C (-4 to 140°F)
Relative Humidity: 10% to 95% @ 40°C (104°F)
non-condensing

Mechanical

Dimensions (W x D x H): 160x 135.4x 60mm
(6.3 x 5.33 x 2.36 inches)
Weight (N.W.): 2 kg (4.41 lbs)
Mounting: Wall mount

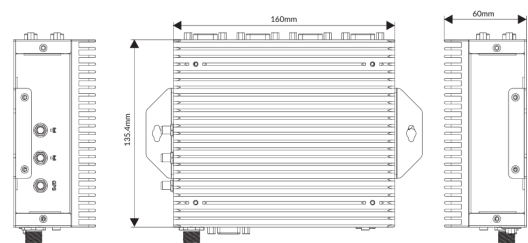
Certification

CE, FCC Class A, RoHS

Others

BIOS: AMI UEFI
Watchdog Timer: Software Programmable
Supports 256 levels system reset

Dimensions



160mmx 135.4mmx 60mm

Optional Accessories

8GB/16GB/32GB DDR4 Memory
256GB/512GB/1TB/2TB NVMe SSD
802.11 b/g/n/AX Wi-Fi 6/4G LTE
AC/DC power adaptor 60W 12V 5A