

## 12th Gen Intel® i3-1215U 2 LAN, 6 COM, 6 USB, Wifi/4G WWAN Fanless Industrial Appliance

### Features

- High-performance mini Fanless Industrial Appliance
- Powered by Intel® Core™ i3-1215U (6 Core, 4.40 GHz, 15W)
- Supports up to 32GB DDR4 SODIMM Memory
- Dual Intel® i210-AT GbE ports
- 6x COM (RS-232/485) ports, 2x CAN bus (Optional)
- Support M.2 2280 NVMe SSD
- Available with mini PCIe slot for Wi-Fi, Bluetooth, GNSS, or 4G WWAN networks
- 4x USB3.0 & 2x USB2.0 Type-A ports
- VGA & HDMI HD displays
- Designed with enhanced structural durability, making it an excellent choice for industrial applications



### I/O Interfaces



### Specifications

#### Processor

Intel Core™ i3-1215U 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)  
CAN bus (Optional)  
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)  
Material: Aluminum alloy  
Mounting: Wall mount

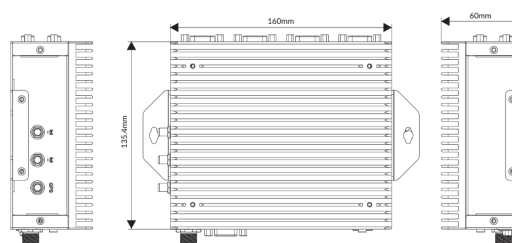
#### Certification

CE, FCC, RoHS, UKCA

#### 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 4G LTE AC/DC