


Features:

- CPU: Intel® Core™ i5-1135G7 processor
- 4x GbE/PoE LAN ports, 25W/port
- 2x GbE LAN ports
- 4x COM ports
- 4x USB3.2 Gen2x1 Gen2 ports
- 4x USB 2.0 ports
- 1x GPIO (8 bits)



Primary Component	Description	
CPU	Intel® Core™ i5-1135G7 processor, 10nm, 4 cores, 8 threads, 8 MB SmartCache, 2.40 GHz, up to 4.20 GHz, TDP 28W	
Chipset	SoC	
Memory	<ul style="list-style-type: none"> • 32 GB pre-installed. 2x DDR4 SO-DIMM sockets, Max. Capacity 32 GB • Support Dual Channel DDR4 2933MHz 	
Ethernet	<ul style="list-style-type: none"> • 2x GbE LAN ports (Intel® I219V and Intel® I211AT) • 4x GbE LAN ports (Intel® I211AT)_(IEEE802.11af/port, PoE 25W/port) 	
Wireless	<ul style="list-style-type: none"> • Optional (Intel® Wi-Fi 6 AX200, 802.11ax/BT5.2; or Intel 8265NGW 802.11ac/BT4.2) 	
Graphic support	Integrated Graphics Processor - Intel® Iris X ^e Graphics 2 x HDMI 1.4 2 independent display outputs	
Audio	Realtek® Audio codec with 2W Amplifier	
Storage	1TB SSD pre-installed , M.2 2280 SATA-3 SSD	
Expansion Slots	<ul style="list-style-type: none"> • 1x 2280 M.2 M-Key (PCIex2, SATA 6Gb/s) • 1x 2230 M.2 E-Key • 1x Full-size mini PCIe with SIM slot 	
Front I/O	<ul style="list-style-type: none"> • 4x RJ45 LAN ports • 4x USB 2.0 • 1x Power switch with LED • 1x HDD LED 	<ul style="list-style-type: none"> • 1x COM (RS-232/422/485) • 1x GPIO (8 bits) • 2x Antenna (Optional) • 1x 2.5" SSD/HDD SATA Extension
Rear I/O	<ul style="list-style-type: none"> • 2x RJ45 LAN ports • 4x USB3.2 Gen2x1 Gen2 • 1x COM (RS-232/422/485, RI/5V/12V) 	<ul style="list-style-type: none"> • 2x COM (RS-232/422/485) • 1x Terminal Block
Side I/O	<ul style="list-style-type: none"> • 2x External Antenna Hole (Option) 	
Power	<ul style="list-style-type: none"> • DC 12~24VDC Full Range (Adapter 19V/90W) 	
Operating Temperature	Operating: <ul style="list-style-type: none"> • Temperature: 0°C to 50°C • Humidity: 0-90% (non-condensing) 	Non-operating: <ul style="list-style-type: none"> • Temperature: -40°C to 85°C • Humidity: 0%-95% (non-condensing)
Vibration Test	Operating: IEC 60068-2-64, 5 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD	Non-operating: IEC 60068-2-6, 2 G, Sine, 10 ~ 500 Hz, 1 Oct/min, 1 hr / Per Axis
Shock Test	Operating: IEC 60068-2-27, 50 G, half sine, 11 ms duration, With SSD	
Dimension	210.36Wx 165Dx 65H (mm)	

Front I/Os

Rear I/Os

Dimensions

unit: mm

