

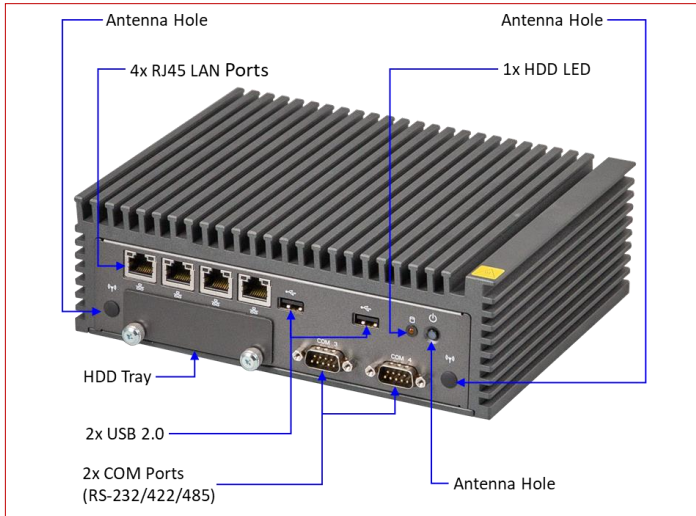

Features:

- CPU: Intel® Core™ i5-1135G7 processor
- 4x GbE/PoE LAN ports, 15W/port
- 2x GbE LAN ports
- 4x COM ports
- 4x USB3.2 Gen2x1
- 4x USB 2.0 ports
- 1x GPIO (8 bits)

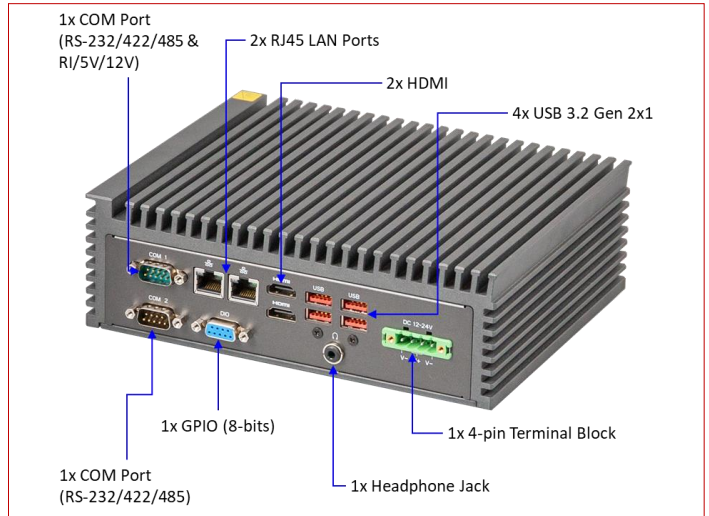


Primary Component	Description	
CPU	Intel® Core™ i5-1135G7 Processor, 10nm, 4 cores, 8 threads, 8MB Cache, up to 4.2 GHz, 28W	
Chipset	SoC	
Memory	16GB Pre-Installed , 2 x DDR4 SO-DIMM sockets, Max. Capacity 64 GB Support Dual Channel DDR4 3200 MHz memory modules	
Ethernet	<ul style="list-style-type: none"> • 2x GbE LAN Ports (Intel® I219V and Intel® I211AT) • 4x PoE GbE LAN Ports (Intel® I211AT) 	
Wireless	Optional	
Graphic Support	Integrated Graphics Processor - Intel® Iris Xe Graphics: 2x HDMI 2.0 ports, supporting a maximum resolution of 4096x2304 @60Hz (2 independent display outputs)	
Audio	Realtek® Audio Codec	
Storage	<ul style="list-style-type: none"> • 1x Swappable 2.5" HDD/SSD (SATA 6Gb/s) 	
Expansion Slots	<ul style="list-style-type: none"> • 256GB SSD Pre-Installed, 1x 2280 M.2 M-Key (PCIe x2, SATA 6Gb/s) • 1x 2230 M.2 E-Key (Wi-Fi/BT) • 1x Full-size Mini PCIe with SIM slot 	
Front I/O	<ul style="list-style-type: none"> • 4x RJ45 LAN Ports with PoE • 2x USB 2.0 • 1x Power button with LED 	<ul style="list-style-type: none"> • 1x HDD LED • 2x COM Ports (RS-232/422/485) • 2x External Antenna Holes (Optional)
Rear I/O	<ul style="list-style-type: none"> • 2x RJ45 LAN Ports • 4x USB 3.2 Gen 2x1 • 1x COM Port (RS-232/422/485 & RI/5V/12V) 	<ul style="list-style-type: none"> • 1x COM Port (RS-232/422/485) • 1x GPIO (8 bits) • 1x Headphone Jack • 1x 4-pin Terminal Block
Power	+12~24VDC / 13A (PoE support)	
Operation Temperature	Operating: Temperature: 0°C to 50°C Humidity: 0-90% (non-condensing) Use wide temperature range memory and storage	Non-operating: Temperature: -40°C to 85°C Humidity: 0%-95% (non-condensing)
Vibration During Operation	Operation: IEC 60068-2-64, 3 Grms, random, 5 ~ 500 Hz, 1hr / Per Axis, With SSD/M.2 2280	Non-operation: IEC 60068-2-6, 2 G, Sine, 10 ~ 500 Hz, 1 Oct/min, 1hr / Per Axis
Shock During Operation	Operation: IEC 60068-2-27, 50 G, half sine, 11 ms duration, With SSD	

Front I/Os



Rear I/Os



Dimensions

unit: mm

