


Features:

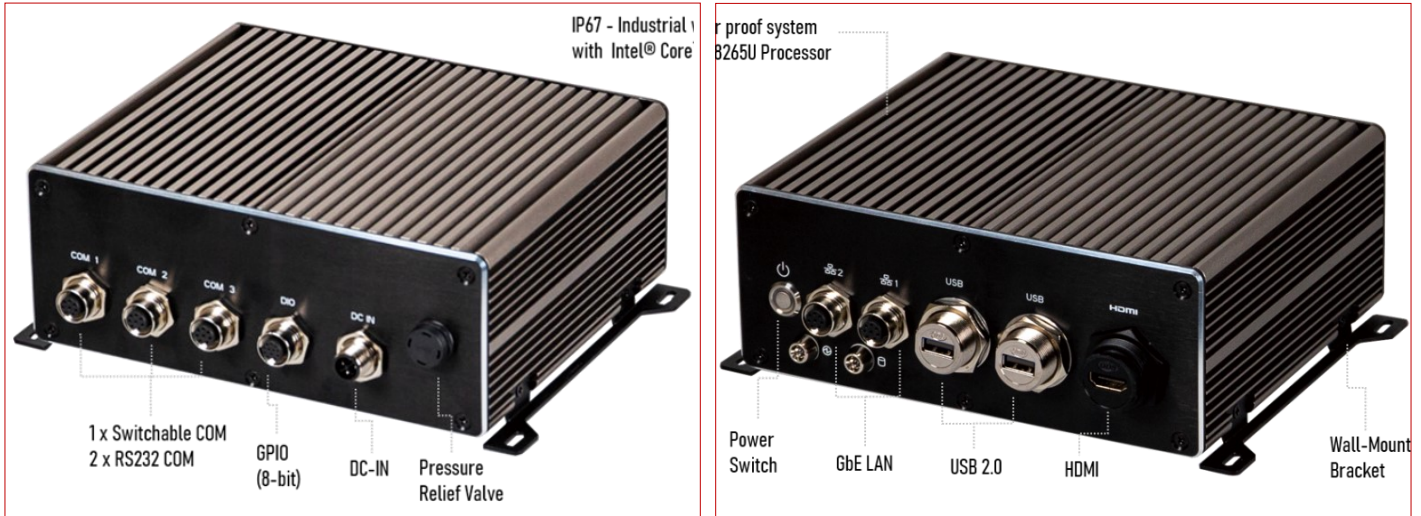
- Intel® Core™ i5-8265U processor
- Dual Channel DDR3L, 2x SO-DIMMs
- IP67 water proof certification
- M12 and IP67 water proof connectors

Applications:

- Factory Automation
- Outdoor Digital Signage
- Surveillance
- Transportation
- Military & defense



Primary Component	Description	
CPU	Intel® Core™ i5-8265U Processor 14nm, 4 cores, 8 threads, up to 3.90 GHz, TDP 15W	
Chipset	SoC	
Memory	<ul style="list-style-type: none"> • 8GB pre-installed. 2x DDR3L SO-DIMM sockets, Max. Capacity 8 GB • Dual channel DDR3L 1866 MHz memory modules 	
Ethernet	• 2x GbE LAN port (Intel® i219V)	
Wireless	• Optional	
Display support	Intel® HD Graphics 500: 1x HDMI port, max. resolution of 3840x2160 @30Hz	
Audio	Realtek® Audio Codec	
Storage	256 GB SSD pre-installed, M.2 SATA SSD 1x 2.5" HDD/SSD (SATA 6Gbs/s)	
Expansion Slots	<ul style="list-style-type: none"> • 1x M.2 2280 M-Key (PCIe x4, SATA 6Gb/s) • 1x M.2 2230 E-Key (WiFi/BT) • 1x Full-size Mini PCIe with SIM slot (PCIe x1 + USB2.0) -- support 3G/4G module (Integrated M.2 SSD 256GB) 	
Front I/O	2x (M12) LAN ports 2x (IP67) USB 2.0 connector 1x (IP67) HDMI connector	1x (IP67) Power switch 1x (M8) Power & HDD LED
Rear I/O*	1x (M12) COM port (RS-232/422/485 and RI/5V/12V) 2x (M12) COM port (RS-232)	1x (M12) GPIO (8 bits) 1x (M12) DC Jack
Power	+9~36VDC (Full Range)	
OS (Optional)	• Windows® 10 (x64)	• Linux
Operating Environment	Operating: <ul style="list-style-type: none"> • Temperature: -20°C to 70°C • Humidity: 0-90% (non-condensing) 	Non-operating: <ul style="list-style-type: none"> • Temperature: -20°C to 70°C • Humidity: 0%-95% (non-condensing)
Vibration During Operation	<ul style="list-style-type: none"> • Operation: IEC 60068-2-64, 3 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD/M.2 2280 • Non-operation: IEC 60068-2-6, 2 G, Sine, 10 ~ 500 Hz, 1 Oct/min, 1 hr / Per Axis 	
Shock During Operation	• Operation: IEC 60068-2-27, 50 G, half sine, 11 ms duration, With SSD	
Dimension	• 188W x 155D x 72H (mm)	



unit: mm

