



LAND



SEA



AIR

ROC236AX

19" 1U Rack-mount Fanless Rugged
System



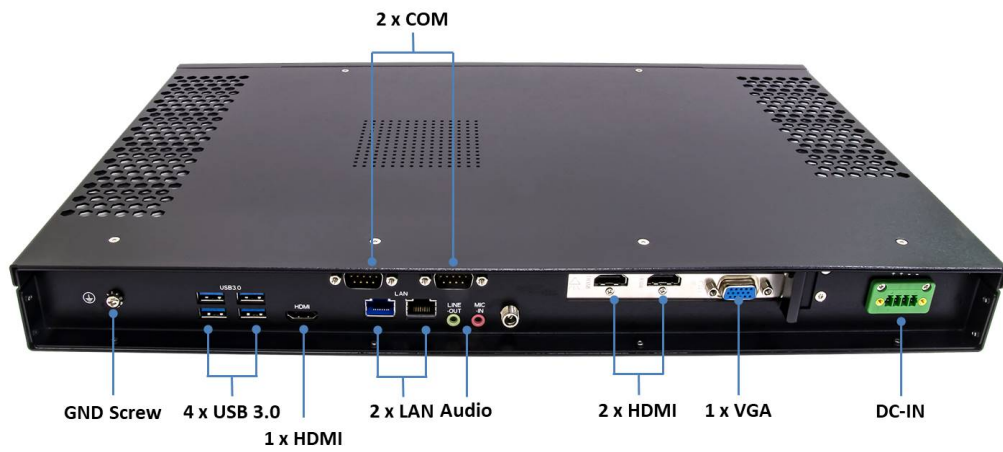
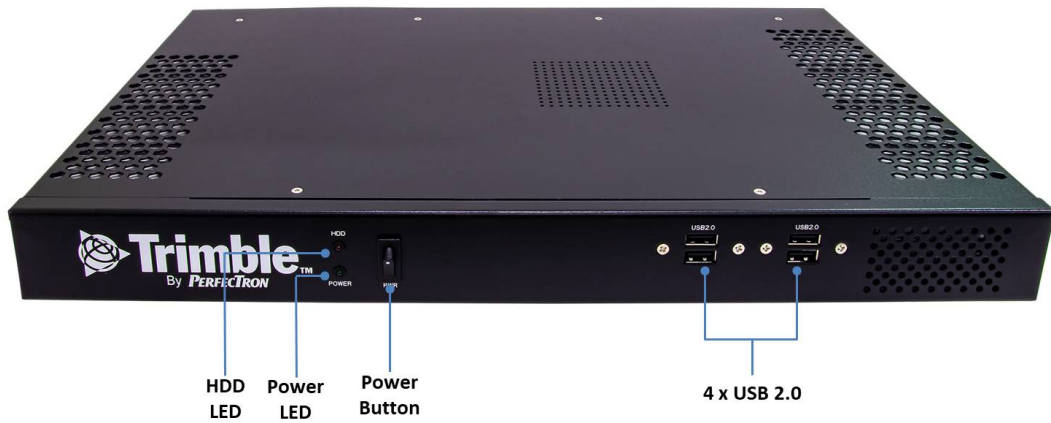
- Intel® 10th Core-i® i7-10700TE Processor
- Intel Q470E PCH
- 2 x Up to 64GB SO-DIMM DDR4 2933/2600MHz
- Multi-display: 3 x HDMI, 1 x VGA
- Rich I/O interface with 2 x COM, 8 x USB, 2 x LAN
- Flexible expansion with 1 x M.2 2280 M-Key, 1 x M.2 3042/3052 B-Key, 1 x M.2 2230 E-Key
- 9~36V wide voltage DC-IN design
Option : 9~36V DC-IN and Redundant
- Extended Temperature -20 to 70 °C

Specifications

System	
High Performance Processor	Intel® 10 th Core-i® Processor i7-10700TE (Frequency 2.0GHz, Turbo Boost Frequency up to 4.4GHz), 8-Core,16 Thread Support, 16MB Smart Cache
Chipset	Q470E
Memory type	Up to 32GB SO-DIMM DDR4-2933MHz
Expansion Slot	1 x PCI-E 3.0 x 16 1 x M.2 B-Key 3042/3052 1 x M.2 E-Key 2230 1 x M.2 M-Key 2280/2242
Display	
VGA	Resolution up to 1920 x 1080 @30Hz
HDMI	2 x Resolution up to 1920 x 1080 @30Hz 1 x Resolution up to 4096 x 2304 @30Hz
Storage	
Storage Device	2 x 2.5" Solid State Disk (SSD) 1 x M.2 2280 NVMe
Ethernet	
Ethernet	1 x Intel® I219-LM Giga LAN 1 x Intel® I225-LM Giga LAN
Front I/O	
Button	1 x Power Button
Indicator LED	1 x HDD LED ; 1 x Power LED
USB Port	4 x USB2.0 standard-A connectors
Rear I/O	
Ethernet	1 x 2.5GbE ; 1 x GbE
VGA	1 x VGA
HDMI	3 x HDMI
COM	2 x RS232/422/485
USB	4 x USB3.0 standard-A connectors
AUDIO	1 x Mic-in ; 1 x Line-out
Power	DC-IN Plug

Power Requirement	
Power Input	9~36V DC-IN, 150W
Operating System	
Operating System	Windows 10 64Bit, Linux by option
Physical	
Dimension (W x D x H)	440 x 285 x 44mm
Chassis	SECC
Environmental	
Operating Temperature	-20 to 70°C (W/O Fan)
Storage Temperature	-40 to 85°C
Relative Humidity	5% to 95%, non-condensing

I/O Placement



Dimension



Ordering Information

Spec \ Model	ROC236AX-i7	ROC236AX-i5	ROC236AX-i3
CPU	I7-10700TE		
RAM	Up to 64GB SODIMM		
LAN	1 x 2.5GbE ; 1 x GbE		
USB 3.0	4		
USB 2.0	4		
VGA	1		
HDMI	2		
Power	9~36V DC-IN		
Dimension (W x D x H)	440 x 285 x 44mm		
Operation Temp	-20 to +70°C		