



LAND



SEA



AIR

# ROC236A7

19" 1U RACK-MOUNT FANLESS RUG  
GED SYSTEM



- Intel® 10<sup>th</sup> 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 60 °C

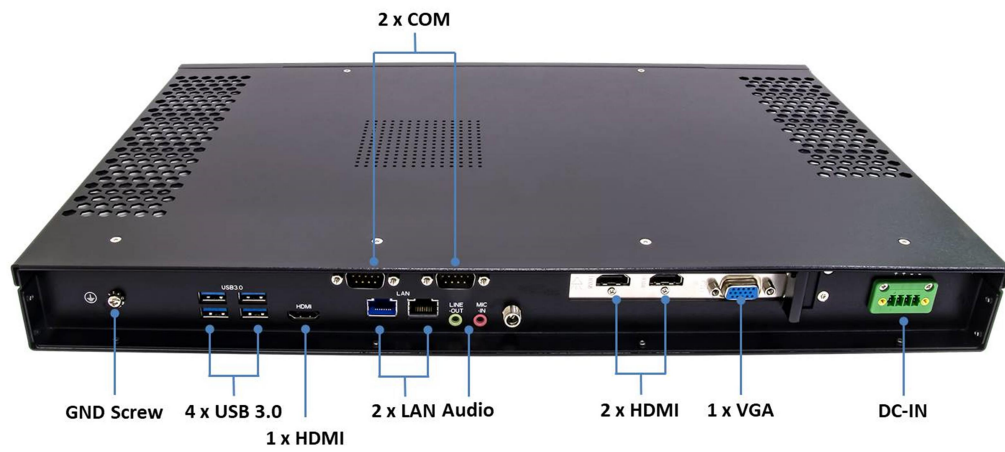
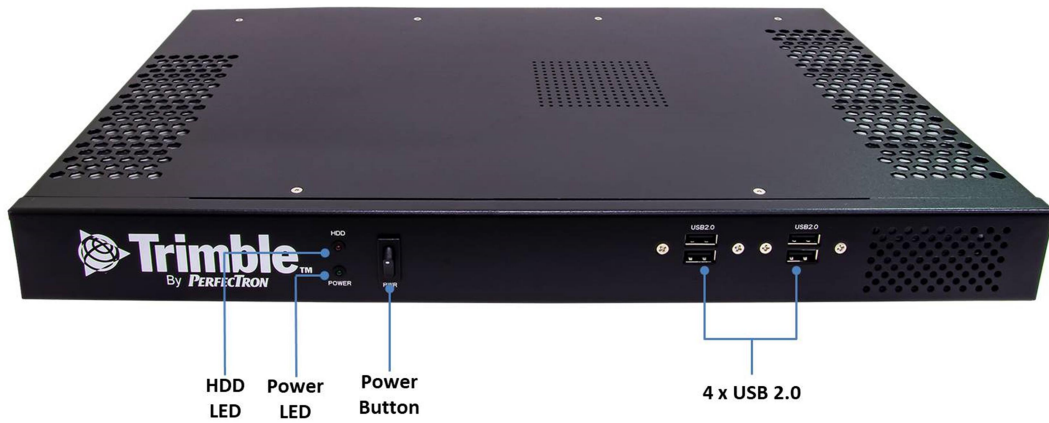


## Specifications

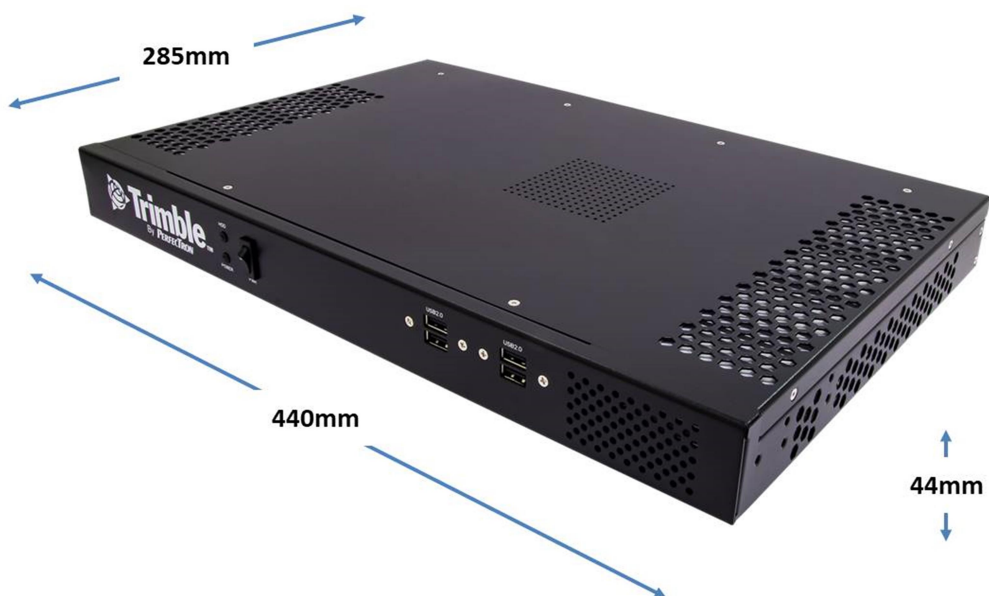
<b>SYSTEM</b>	
High Performance Processor	Intel® 10 <sup>th</sup> Core-i® Processor i7-10700TE (Frequency 2.0GHz, Turbo Boost Frequency up to 4.4GHz), 8-Core,16 Thread Support, 16MB Smart Cache
Chipset	Q470E
Memory type	Up to 32GB SO-DIMM DDR4-2933MHz
Expansion Slot	1 x PCI-E 3.0 x 16 1 x M.2 B-Key 3042/3052 1 x M.2 E-Key 2230 1 x M.2 M-Key 2280/2242
<b>DISPLAY</b>	
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
<b>STORAGE</b>	
Storage Device	2 x 2.5" Solid State Disk (SSD) 1 x M.2 2280 NVMe
<b>ETHERNET</b>	
Ethernet	1 x Intel® I219-LM Giga LAN 1 x Intel® I225-LM Giga LAN
<b>FRONT I/O</b>	
Button	1 x Power Button
Indicator LED	1 x HDD LED ; 1 x Power LED
USB Port	4 x USB2.0 standard-A connectors
<b>REAR I/O</b>	
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

<b>POWER REQUIREMENT</b>	
Power Input	9~36V DC-IN, 150W
<b>OPERATING SYSTEM</b>	
Operating System	Windows 10 64Bit, Linux by option
<b>PHYSICAL</b>	
Dimension (W x D x H)	440 x 285 x 44mm
Chassis	SECC
<b>ENVIRONMENTAL</b>	
Operating Temperature	-20 to 60°C (W/O Fan)
Storage Temperature	-40 to 85°C
Relative Humidity	5% to 95%, non-condensing

# I/O Placement



# Dimension



## Ordering Information

<b>Spec</b> \ <b>Model</b>	<b>ROC236AX-i7</b>	<b>ROC236AX-i5</b>	<b>ROC236AX-i3</b>
<b>CPU</b>	I7-10700TE		
<b>RAM</b>	Up to 64GB SODIMM		
<b>LAN</b>	1 x 2.5GbE ; 1 x GbE		
<b>USB 3.0</b>	4		
<b>USB 2.0</b>	4		
<b>VGA</b>	1		
<b>HDMI</b>	2		
<b>Power</b>	9~36V DC-IN		
<b>Dimension (W x D x H)</b>	440 x 285 x 44mm		
<b>Operation Temp</b>	-20 to +60°C		