



LAND



SEA



AIR

# ROC288BB

**1U 19" AC-DC Fanless Server With Intel 14<sup>th</sup> / 13<sup>th</sup> Processor**



- Intel®Raptor Lake-S/R 14<sup>th</sup> /13<sup>th</sup> Gen Processor(up to 65W)
- PCH Q670
- 2 x SO-DIMM DDR5 5200 MHz up to 64GB
- 3 x LAN, 6 x USB3.1 , 2 x USB2.0, 2 x DisplayPort, 2 x HDMI, 2 x LAN, 1 x Line-out/Mic-in
- 2 x 2.5" SATA HDD/SSD Easy Swap Tray
- AC-IN 90~260V
- Operation Temp. ET : -20 ~ 60°C ; UT : -30 ~ 70°C



# Specifications

## System

HighPerformance Processor	14th/13th Gen Intel® Raptor Lake-R/Raptor Lake-S LGA1700 Socket Processor / Core i9/i7/i5/i3 Processor / TDP 65W
Memory type	DDR5 4800 MHz / 2 x 262-pin SO-DIMM / Max. 64 GB (Non-ECC)
Chipset	Intel® Q670 Chipset
Expansion Slot	1 x PCIe expansion slot

## Storage

HDD/SDD	2x 2.5" Solid State Disk (SSD) 2x SATAIII
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## Ethernet

Ethernet	1 x Intel® I226-LM 2.5Giga LAN 2 x Intel® I226-V 2.5Giga LAN
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## Front I/O

DisplayPort	2 x DP
HDMI	2 x HDMI
Ethernet	4 x 2.5GbE RJ45
Audio	1 x Mic-in, 1 x Line-out
USB Port	6 x USB 3.1
PCIe expansion	1 x PCIe expansion slot (PCIe x 16 FHHL)
DC-IN	2 x AC plug

## Rear I/O

Easy Swap SSD Tray	2
Button	1 x Power Button w/Indicator LED
Indicator LED	SSD

## Power Requirement

Power Input	AC-IN 90~260V
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## Applications, Operating System

Applications	Commercial and Industrial Platforms, Embedded Computing, Process Control, Intelligent Automation and manufacturing applications
Operating System	Windows 10/11 64Bit

Linux (support by request)

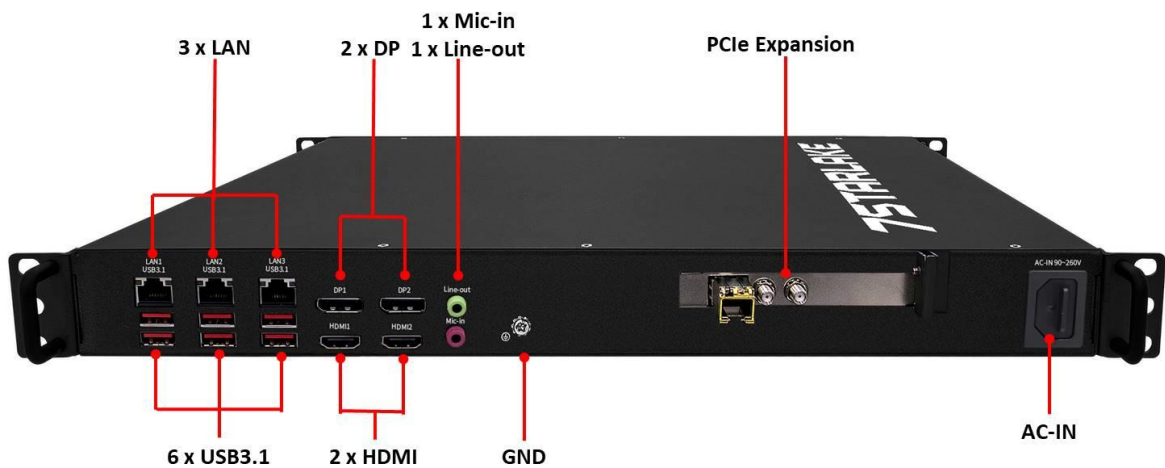
## Physical

Dimension (W x D x H)	450 x400 x 44.4 mm
Weight	6 Kg
Chassis	SECC
Heatsink	Aluminum Alloy, Corrosion Resistant
Finish	Anodic aluminum oxide

## Environmental

Green Product	RoHS compliance
Operating Temperature	ET : -20 to 60°C UT : -30 to 70°C
Storage Temperature	-40 to 85°C
Relative Humidity	5% to 95%, non-condensing
EMC	CE and FCC compliance

## IO Placement





## Ordering Information

### **ROC288BB-ET**

1U 19" AC-DC Fanless System with Intel® Raptor Lake-R/S 14th/13th Processor(Up to 65W), Q670, 2 x DDR5 SO-DIMM up to 64GB, 2 x DisplayPort, 2 x HDMI,6 x USB3.1, 2 x USB2.0, 90~260V AC-IN w/Redundant , Operating Temp. -20~+60°C

### **ROC288BB-UT**

1U 19" AC-DC Fanless System with Intel® Raptor Lake-R/S 14th/13th Processor(Up to 65W), Q670, 2 x DDR5 SO-DIMM up to 64GB, 2 x DisplayPort, 2 x HDMI,6 x USB3.1, 2 x USB2.0, 90~260V AC-IN w/Redundant, Operating Temp. -30~+70°C