



ROC286B-A20

1 U CORE I7 FANLESS GPU SERVER

NVIDIA QUADRO



- MIL-STD-810 Anti-Vibration, Shock
- Intel® Coffee Lake-Refresh i7-9700TE Processor
- NVIDIA Quadro FHHL GPU
- 6 x USB, 2 x DisplayPort, 1 x HDMI, 2 x LAN, 1 x Line-out/Mic-in, 2 x COM
- 2 x 2.5" SATAIII SSD Easy Swap Tray
- 90~260V AC-IN
- Extended Temperature -20 to 60°C

Specifications

SYSTEM

High Performance Processor	Socket LGA 1151 for Intel® Core i7-9700TE Processor
Memory type	DDR4 up to 64GB
Chipset	Intel® Q370 Chipset

STORAGE

SDD	2 x 2.5" SATAIII SSD easy swap tray
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ETHERNET

Ethernet	Intel® I210-AT & I219-LM GbE LAN (support 10/100/1000 Mbps for x2 RJ45 ports)
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GPU

GPU(FHHL)	(Option) NVIDIA Quadro P2200 (CUDA : 1,280) (Option) NVIDIA RTX A2000 (CUDA : 3,328) (Option) NVIDIA RTX 4000 SFF Ada (CUDA : 6,144)
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REAR I/O

DisplayPort	2 x DP
HDMI	1 x HDMI
Ethernet	2 x RJ45 Intel® I210 & I219LM GbE LAN (support 10/100/1000 Mbps)
Audio	2 x 3.5mm Audio Jacks (1 x Mic-in, 1 x Line-out)
COM	2 x RS232/422/485 (422/485 select by BIOS)
USB Port	4 x USB 3.1
AC-IN	90~260V

FRONT I/O

Button	1 x Power Button w/Indicator LED
Indicator LED	SSD
USB Port	2 x USB 2.0
Easy Swap SSD Tray	2

OPERATING SYSTEM

Operating System	Windows 10 64Bit Ubuntu 18.04 LTS 64bit
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PHYSICAL

Dimension (W x D x H)	430 x450 x 44.4 mm
Weight	8.92Kg
Chassis	SECC
Heatsink	Aluminum Alloy, Corrosion Resistant
Finish	Anodic aluminum oxide

ENVIRONMENTAL

MIL-STD-810G Standards	Method 507.5, Procedure II (Temperature & Humidity) Method 501.5, Procedure I (Storage/High Temperature) Method 501.5, Procedure II (Operation/High Temperature) Method 502.5, Procedure I (Storage/Low Temperature) Method 502.5, Procedure II (Operation/Low Temperature) Method 503.5, Procedure I (Temperature shock)
Green Product	RoHS compliance
Operating Temperature	-20 to 60°C
Storage Temperature	-40 to 85°C
Relative Humidity	5% to 95%, non-condensing
EMC	CE and FCC compliance

Ordering Information

ROC286B-A20-P2200

1U Rugged Fanless GPU Server with Intel® Coffee Lake-Refresh i7-9700TE Processor, 2 x DisplayPort, 1 x HDMI, 6 x USB, NVIDIA Quadro P2200 GPU, 90~260V AC-IN , Operating Temp. -20~+60°C

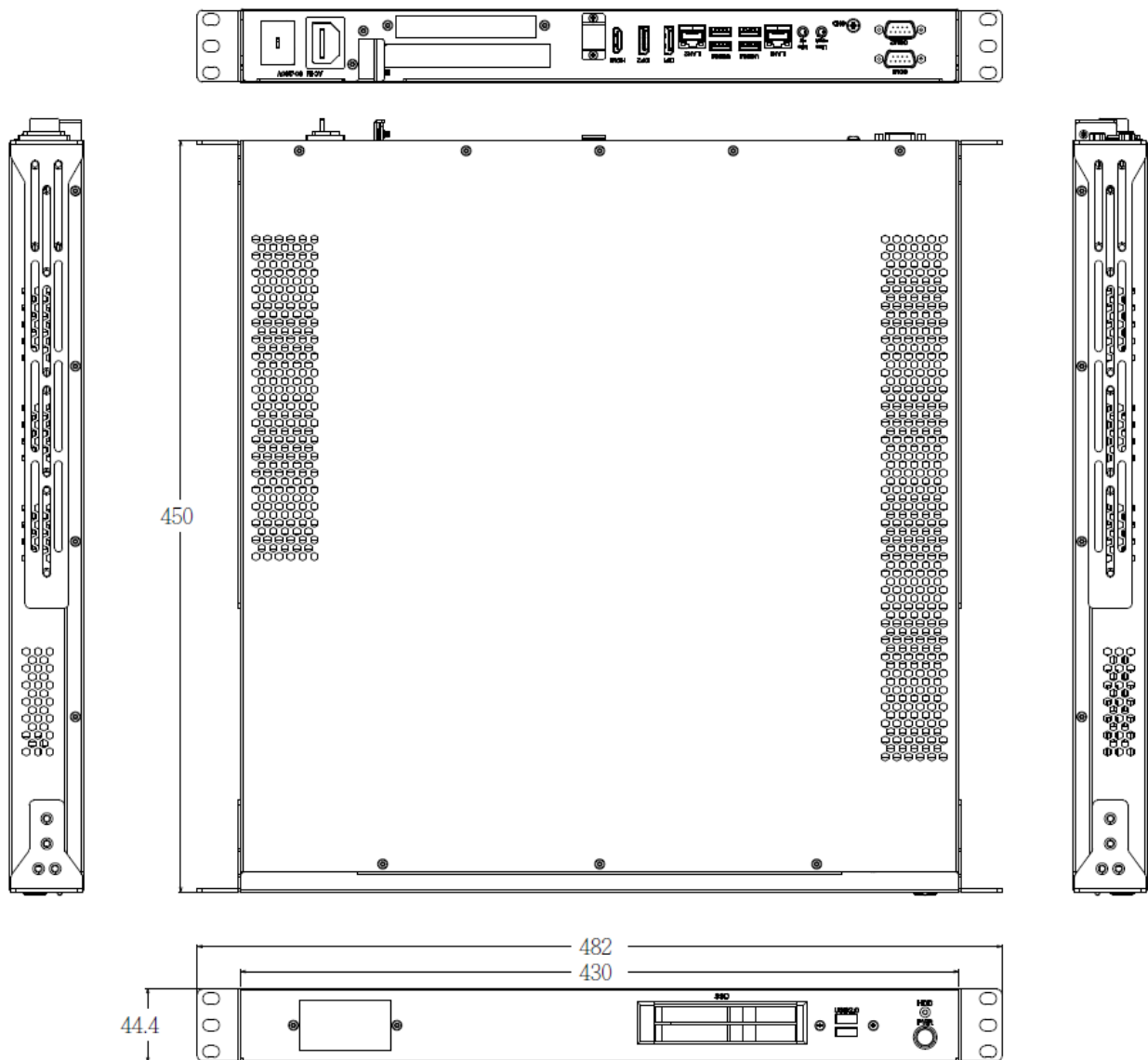
ROC286B-A20-A2000

1U Rugged Fanless GPU Server with Intel® Coffee Lake-Refresh i7-9700TE Processor, 2 x DisplayPort, 1 x HDMI, 6 x USB, NVIDIA RTX A2000 GPU, 90~260V AC-IN , Operating Temp. -20~+60°C

ROC286B-A20-4000SFF

1U Rugged Fanless GPU Server with Intel® Coffee Lake-Refresh i7-9700TE Processor, 2 x DisplayPort, 1 x HDMI, 6 x USB, NVIDIA RTX 4000 SFF Ada GPU, 90~260V AC-IN , Operating Temp. -20~+60°C

Dimension



IO Placement

