



# SR800-SP

**MILITARY SPEC  
EMERALD RAPIDS 5TH XEON SCALABLE  
RUGGED GPU SERVER**



- Military Spec Rugged GPU Server
- 4th / 5th Intel Emerald Rapids Xeon Scalable Processor
- NVIDIA RTX A6000 (48 GB GDDR6, 10,752 CUDA)
- 2+4x 10Gbps LAN Port
- 2x U.2 NVMe, 1x M.2 NVMe
- MIL-STD-810 Vibration and Shock Resistance
- MIL-STD-461 DC-IN 18V~36V (Options)
- Extended Temperature -20~+55°C

# Specification

## System

CPU	4 <sup>th</sup> /5 <sup>th</sup> Gen. Intel® Xeon® Scalable Processor
4 <sup>th</sup> Gen. CPU	Intel® Xeon® Platinum 8468 Processor, 48C, 105M Cache, 2.10 GHz, 350W Intel® Xeon® Gold 6443N Processor, 32C, 60M Cache, 1.90 GHz, 195W Intel® Xeon® Gold 6430 Processor, 32C, 60M Cache, 2.10 GHz, 270W Intel® Xeon® Silver 4416+ Processor, 20C, 37.5M Cache, 2.00 GHz, 165W
5 <sup>th</sup> Gen. CPU	Intel® Xeon® Platinum 8580 Processor, 60C, 300M Cache, 2.00 GHz, 350W Intel® Xeon® Gold 6554S Processor, 36C, 180M Cache, 2.20 GHz, 270W Intel® Xeon® Gold 6538N Processor, 32C, 60M Cache, 2.10 GHz, 205W Intel® Xeon® Gold 5512U Processor, 28C, 52.5M Cache, 2.10 GHz, 185W Intel® Xeon® Silver 4516Y+ Processor, 24C, 45M Cache, 2.20 GHz, 185W
Memory type	4 <sup>th</sup> Gen. Up to 4TB ECC L/RDIMM, DDR5-4400/4000MHz 5 <sup>th</sup> Gen. Up to 4TB ECC L/RDIMM, DDR5-5600/5200/4800/4400MHz
GPU	NVIDIA Quadro RTX A6000 GPU Card NVIDIA Quadro MXM A4500 GPU Module

## Storage

Storage	2x U.2 NVMe 1x M.2 NVMe
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## Ethernet

Ethernet	4x 10GbE LAN
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## Front I/O

Power In	1x DC-IN
COM	1x COM
IPMI	1x IPMI LAN
USB	2x USB3.2 Gen1 + 2 x USB2.0
LAN	2x 10GbE LAN
Display	1x VGA

## Expansion I/O

Ethernet	4x 10GbE LAN
GPU	1x PCIe Slot for NVIDIA A6000 or A100

## Environmental

Weight	16 KG
Operating Temp.	-20 to 55°C
Storage Temp.	-40°C to 85°C
Relative Humidity	5% to 95%, non-condensing

## Appearance

