

AI GPU Server
AS800-2T0-8H1



8U 2-Socket, NVIDIA HGX™ B200 8-GPU System
Propelling the Data Center into a New Era of
Accelerated Computing and Generative AI



KEY FEATURES

- NVIDIA HGX™ B200 8-GPU with NVIDIA NVLink Switch™, 1.4TB HBM3e (8 × 180GB), TDP up to 1,000W
- Dual 5th/4th Intel® Xeon® Scalable processors, TDP up to 350W
- 32 x DDR5 DIMM slots, up to 5600 MT/s
- 8 × 2.5" NVMe PCIe 5.0 x4, 2 × 2.5" NVMe PCIe 5.0 x4/SATA SSD, 2 × 2.5" SATA HDD
- 8 x PCIe 5.0 x16 HHHL, 2 x PCIe 5.0 x16 FHHL
- 6+6 3000W Titanium CRPS

APPLICATIONS

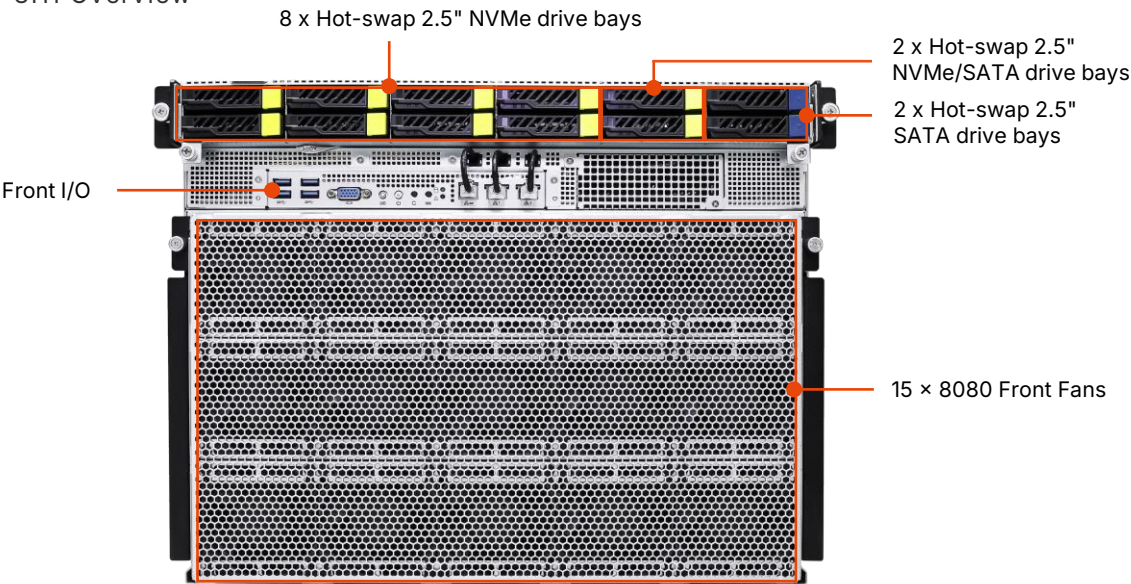
Generative AI training/inference, scientific research, and data analytics.

SPECIFICATIONS

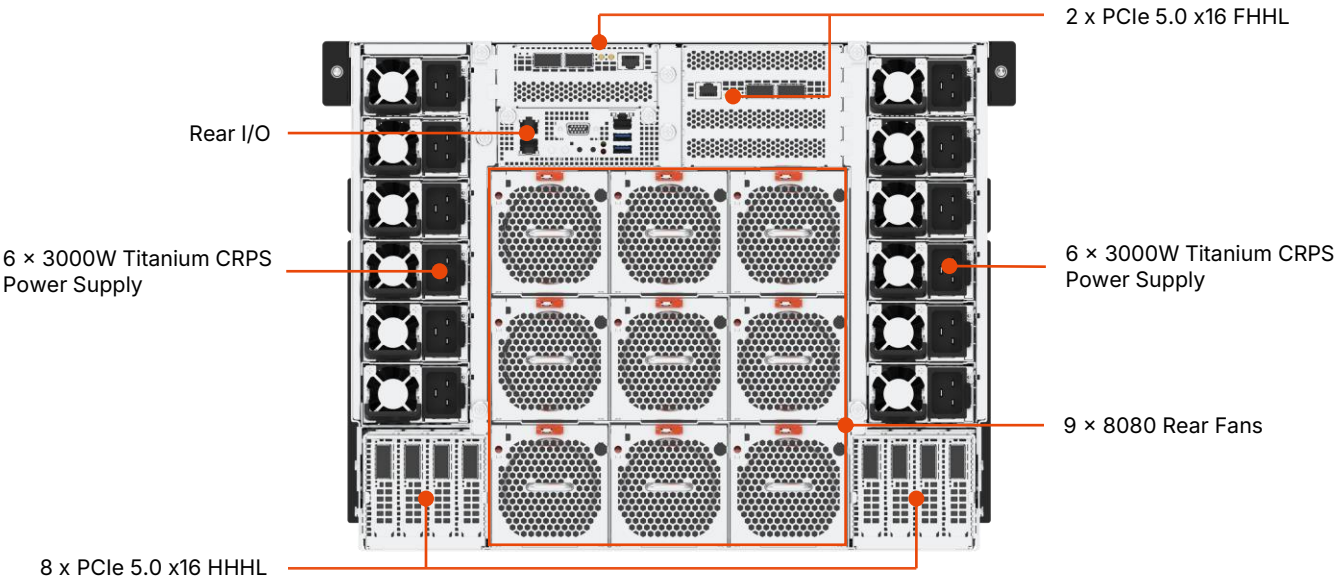
Form Factor	8U	Front I/O Ports	Power button LED / UID button / Reset button 2 × 1GbE RJ45 by Intel® i350, shares with rear IO 1 x IPMI RJ45, shares with rear IO 4 x USB 3.2 Gen1 1 x VGA
CPU	Dual 5th/4th Intel® Xeon® Scalable processors	Rear I/O Ports	UID button 2 × 1GbE RJ45 by Intel® i350, shares with front panel 1 x IPMI RJ45, shares with front panel 2 x USB 3.2 Gen1 1 x VGA
CPU Max. TDP Support	350W	Security Options	TPM 2.0
GPU	NVIDIA HGX™ B200 8-GPU with NVIDIA NVLink Switch™, TDP up to 1,000W	Management	ASPEED® AST2600
Memory	32 x DDR5 DIMM slots, up to 5600 MT/s	Dimension (W x H x D)	448 × 353.6 × 930 mm 17.6 × 13.9 × 36.6 inch
Storage	8 x Hot-swap 2.5" NVMe (PCIe 5.0 x4) drive bays 2 x Hot-swap 2.5" NVMe (PCIe 4.0 x4)/SATA drive bays 2 x Hot-swap 2.5" SATA drive bays Internal Storage: 2 x M.2 2280/22110 NVMe (PCIe 3.0 x4 or SATA 6Gb/s)	Power Supply	6+6 3000W Titanium CRPS
Expansion Slots	8 x PCIe 5.0 x16 HHHL 2 x PCIe 5.0 x16 FHHL	Cooling System	Air-cooled 29 × 8080 fans 4 × 4040 fans
Networking	2 × 1GbE RJ45 1 x IPMI RJ45	Environment	Operating temperature: 10°C to 35°C Non-operating temperature: -40°C to 70°C Non-operating humidity: 20% to 90% (non- condensing)

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

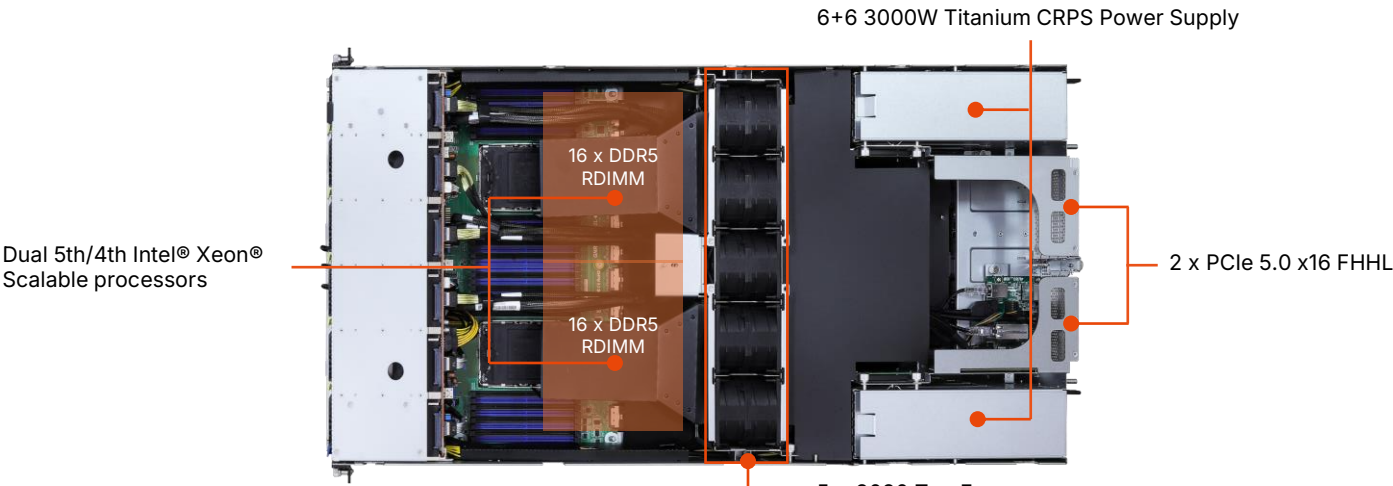
AS800-2T0-8H1 Overview



▲ Front View



▲ Rear View



▲ Top View