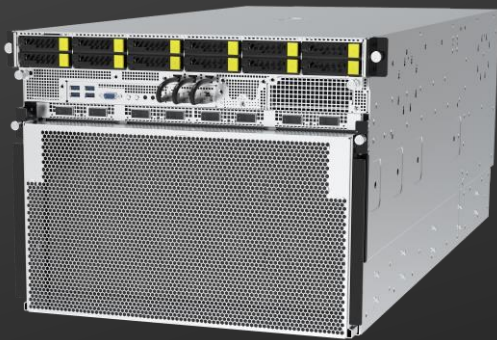




AI GPU Server

AS801-2T1-8H2



8U 2-Socket, NVIDIA HGX™ B300 8-GPU System
Built for the Age of AI Reasoning for Every Data Center



KEY FEATURES

- NVIDIA HGX™ B300 8-GPU with NVIDIA NVSwitch™, 2.3TB HBM3e (8 × 288GB), TDP up to 1,100W
- Dual Intel® Xeon® 6 processors, TDP up to 350W
- 32 x DDR5 DIMM slots, up to 6400 MT/s
- 12 × 2.5" NVMe
- 8 x NVIDIA ConnectX®-8 SuperNIC™ ports (800Gb/s)
- 4 x PCIe 5.0 x16 FHHL
- 6+6 3000W Titanium CRPS

APPLICATIONS

AI reasoning inference and AI training.

SPECIFICATIONS

Form Factor	8U		
CPU	2 x Intel® Xeon® 6700E/6700P Series Processors	Front I/O Ports	8 x NVIDIA ConnectX®-8 SuperNIC™ ports (800Gb/s) 2 × 1GbE RJ45 1 x IPMI RJ45 4 x USB 3.0 1 x VGA Power button LED / UID button / reset button
CPU Max. TDP Support	350W		
GPU	NVIDIA HGX™ B300 8-GPU with NVIDIA NVSwitch™	Rear I/O Ports	2 × 1GbE RJ45, shares with front panel 1 x IPMI RJ45, shares with front panel 2 x Type-A USB3.0 1 x VGA UID button
Memory	32 x DDR5 DIMM slots, up to 6400 MT/s	Security Options	TPM 2.0
Storage	12 × 2.5" Hot-swap NVMe Internal Storage: 1 x M.2 2280/22110 NVMe	Management	ASPEED® AST2600
Expansion Slots	4 x PCIe 5.0 x16 FHHL	Dimension (W x H x D)	448 × 353.6 × 930 mm 17.6 × 13.9 × 36.6 inch
Networking	2 × 1GbE RJ45 1 x IPMI RJ45	Power Supply	6+6 3000W Titanium CRPS
		Cooling System	Air-cooled 24 × 8080 fans 6 × 6056 fans
		Environment	Operating Temperature: 10°C to 35°C Non-operating temperature: -40°C to 70°C

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

AS801-2T1-8H2 Overview

12 x Hot-swap 2.5" NVMe

Front I/O

8 x NVIDIA ConnectX®-8 SuperNIC™ ports

6 × 6056 Front Fans

10 × 8080 Front Fans

▲ Front View

Rear I/O

4 x PCIe 5.0 x16 FHHL

6 × 3000W Titanium CRPS Power Supply

6 × 3000W Titanium CRPS Power Supply

9 × 8080 Rear Fans

▲ Rear View

6+6 3000W Titanium CRPS Power Supply

2 x Intel® Xeon® 6700E/6700P Series Processors

16x DDR5 RDIMM

16x DDR5 RDIMM

4 x PCIe 5.0 x16 FHHL

5 × 8080 Top Fans

▲ Top View