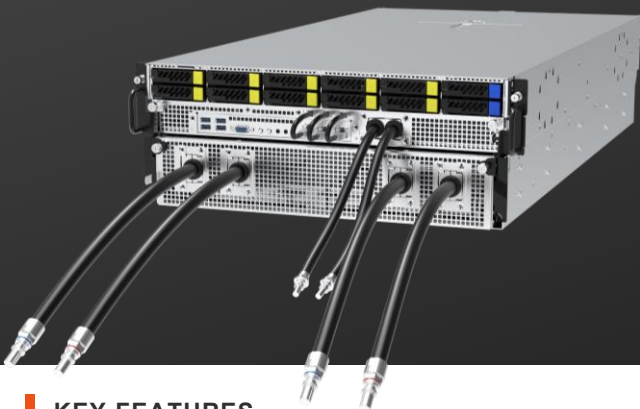




AI GPU Server

AS401-2T0-8H1

4U 2-Socket, Liquid-Cooled
NVIDIA HGX™ B200 8-GPU System
Propelling the Data Center into a New Era of Accelerated
Computing and Generative AI



KEY FEATURES

- NVIDIA HGXTM 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

- 10 × 2.5" NVMe PCIe 5.0 x4
- 8 x PCIe 5.0 x16 HHHL, 2 x PCIe 5.0 x16 FHHL
- 4+4 3000W Titanium CRPS

APPLICATIONS

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

SPECIFICATIONS

Form Factor	4U	Front I/O Ports	Power button LED / UID button / Reset button 2 × 1GbE RJ45 1 x IPMI RJ45 4 x USB 3.2 Gen1 1 x VGA
CPU	Dual 5th/4th Intel® Xeon® Scalable processors	Rear I/O Ports	UID button 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 (1 Realtek RTL8211F for dedicated management GLAN)
Memory	32 x DDR5 DIMM slots, up to 5600 MT/s	Dimension (W x H x D)	448 × 175 × 900 mm 17.6 × 6.9 × 35.4 inch
Storage	10 × 2.5" NVMe PCIe 5.0 x4 Internal Storage: 2 x M.2 2280/22110 (PCIe 3.0 x4)	Power Supply	4+4, 80-PLUS Titanium, 3000W CRPS
Expansion Slots	8 x PCIe 5.0 x16 HHHL - NVIDIA ConnectX®-7 NIC or NVIDIA BlueField®-3 SuperNICs™ (400Gb/s) 2 x PCIe 5.0 x16 FHHL - NVIDIA BlueField®-3 DPUs	Cooling System	Liquid-cooled 10 × 6056 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.

AS401-2T0-8H1 PRODUCT OVERVIEW

