



AI GPU Server

AS400-2A1



4U 2-Socket 8-GPU PCIe, NVIDIA MGX™ System
NVIDIA RTX PRO™ Server for Enterprise AI Factory



KEY FEATURES

- Up to 8 dual-slot PCIe GPUs (Support NVIDIA H200 NVL, RTX PRO™ 6000 Blackwell Server Edition, and L40S)
- Dual AMD EPYC™ 9005 processors, TDP up to 400W
- 32 x DDR5 DIMM slots, up to 6400 MT/s
- 8 x E1.S NVMe
- 5 x PCIe 5.0 x16 single-slot FHFL for 1 x NVIDIA BlueField®-3 DPU and 4 x NVIDIA ConnectX®-7 NICs
- 3+1 3200W Titanium CRPS

APPLICATIONS

Agentic and physical AI, scientific computing, graphics, and video applications.

SPECIFICATIONS

Form Factor	4U		
CPU	2 x AMD EPYC™ 9005 processors (Turin SP5)	Front I/O Ports	Power button LED / UID button LED 1 x IPMI RJ45, no on-board LAN to support share-LAN through NC-SI 1 x USB 3.2 Gen 1 (5Gbps) 1 x Mini-DP 1 x Micro-USB (for UART debug)
CPU Max. TDP Support	400W	Security Options	TPM 2.0
GPU	Up to 8 x dual-slot PCIe GPUs, TDP up to 600W NVIDIA H200 NVL (4-way), RTX PRO™ 6000, or L40S Or up to 16 x single-slot PCIe GPU/AI acceleration cards, TDP up to 300W CPU-GPU Interconnect: PCIe 5.0 x16 Switch Dual-Root GPU-GPU Interconnect: NVIDIA® NVLink® Bridge (optional H200 only)	Management	DC-SCI BMC management (ASPEED® AST2600)
Memory	32 x DDR5 DIMM slots (8 channel 2DPC topology per CPU): DDR5 RDIMM (6400 MT/s rated): 5200 MT/s when populated in DIMM 1 4400 MT/s (1R) / 4000 MT/s (2R) when populated in DIMM 1 and DIMM0 DIMM capacity: 32GB, 64GB, 128GB	Dimension (W x H x D)	438 × 176 × 800 mm 17.2 × 6.9 × 31.5 inch
Storage	8 x E1.S NVMe backplane 2 x M.2 2280/22110 PCIe x4	Power Supply	3+1 3200W Titanium CRPS
Expansion Slots	5 x PCIe 5.0 x16 single-slot FHFL for 1 x NVIDIA BlueField®-3 DPU & 4 x NVIDIA ConnectX®-7 NICs	Cooling System	Air-cooled 10 × 8080 fans
Networking	1 x IPMI RJ45	Environment	For NVIDIA H200 NVL, ambient operating temperature range: 10°C to 35 °C For NVIDIA RTX PRO™ 6000, ambient operating temperature range: 10°C to 30 °C Ambient non-operating temperature: -40°C to 68 °C Operating relative humidity: 10% to 85% (non-condensing) Non-operating relative humidity: up to 93% (non-condensing)

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

AS400-2A1 PRODUCT OVERVIEW

