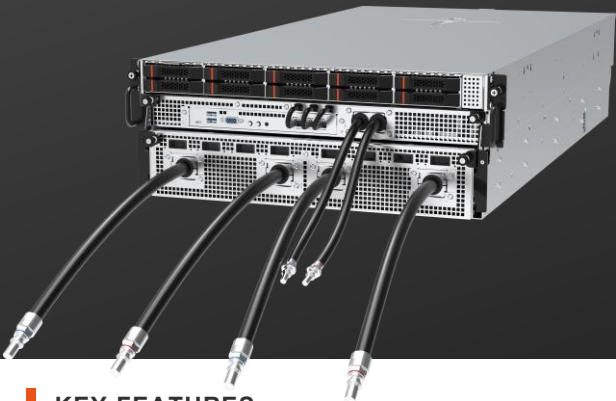




AI GPU Server

AS402-2T1-8H2



4U 2-Socket, Liquid-Cooled

NVIDIA HGX™ B300 8-GPU System

Built for the Age of AI Reasoning for Every Data Center



Learn More

KEY FEATURES

- NVIDIA HGX™ B300 8-GPU with NVIDIA NVLink Switch™, 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
- 8 x U.2 NVMe PCIe 5.0 x4, 2 x U.2 NVMe PCIe 5.0 x4 for OS

- 2 x PCIe 5.0 x16 FHHL
- 8 x Integrated NVIDIA ConnectX®-8 SuperNIC™ ports (800Gb/s)
- 5+5 3000W Titanium CRPS

APPLICATIONS

AI reasoning inference and AI training.

SPECIFICATIONS

|                      |                                                                                  |                       |                                                                                                                                                                                                                                   |
|----------------------|----------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form Factor          | 4U                                                                               | Front I/O Ports       | Power button / UID button / Reset button / NMI button<br>2 × 1GbE RJ45<br>1 x IPMI RJ45<br>4 x USB 3.0<br>1 x VGA                                                                                                                 |
| CPU                  | Dual Intel® Xeon® 6 processors                                                   | Rear I/O Ports        | Power button / UID button<br>2 x USB 3.0<br>1 x IPMI RJ45, shares with front panel<br>2 x 1GbE RJ45, shares with front panel                                                                                                      |
| CPU Max. TDP Support | 350W                                                                             | Security Options      | TPM 2.0                                                                                                                                                                                                                           |
| GPU                  | NVIDIA HGX™ B300 8-GPU with NVIDIA NVLink Switch™, TDP up to 1,100W              | Management            | IPMI 2.0 (ASPEED® AST2600)                                                                                                                                                                                                        |
| Memory               | 32 x DDR5 DIMM slots, up to 6400 MT/s                                            | Dimension (W x H x D) | 448 × 175 × 900 mm<br>17.6 × 6.9 × 35.4 inch                                                                                                                                                                                      |
| Storage              | 8 x U.2 NVMe PCIe 5.0 x4<br>Internal Storage:<br>2 x U.2 NVMe PCIe 5.0 x4 for OS | Power Supply          | 5+5, 80-PLUS Titanium, 3000W CRPS                                                                                                                                                                                                 |
| Expansion Slots      | 2 x PCIe 5.0 x16 FHHL (for 2 x dual-port NVIDIA BlueField®-3 DPUs)               | Cooling System        | Liquid-cooled<br>8 × 6056 fans<br>4 × 4056 fans                                                                                                                                                                                   |
| Networking           | 8 x Integrated NVIDIA ConnectX®-8 SuperNIC™ ports (800Gb/s)                      | Environment           | Ambient operating temperature range: 5°C to 35 °C<br>Ambient non-operating temperature: -40°C to 68 °C<br>Operating relative humidity: 10% to 90% (non-condensing)<br>Non-operating relative humidity: up to 93% (non-condensing) |

# ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

AS402-2T1-8H2 PRODUCT OVERVIEW

