

ServMax® X-24816B

2U 4 Node DP Intel® Xeon® server



Features

- Powered by dual-socket 6th Gen Intel Scalable processors, Granite Rapids-AP, with DDR5 RDIMM up to 6400MTs or MRDIMM Gen1 up to 8800 MTs
- Multi-node server with direct-to-chip liquid cooling solution
- 2 x PCIe Gen5 x16 slot module and 1 x OCP 3.0 x 16 per node
- 3600W 80 PLUS® Titanium power supplies
- Onboard AB12-iKVM
- ASPEED AST2600 controller

Specifications

Dimensions	950mm x 448mm x 87.3mm (2U) 37.4" x 17.64" x 3.44"
Processor Support	Per Node: Intel Xeon 6900P processors Dual processors with liquid cool, up to 500W
Core Logic	CPU self-boot only (NO PCH)
Memory	Per Node: 12-Channel DDR5 RDIMM/MRDIMM, 24 x DIMMs [RDIMM] Up to 6400 MT/s [MRDIMM] Up to 8800 MT/s
Expansion Slots	Per Node: • 1 x HHHL x16 (Gen5 x16) • 1 x Gen5 x16 (Reserve for D2C) • 1 x OCP 3.0 • 2 x M.2 Gen5 x4 link, up to 22110
Storage	Front hot-swap: 16 x 2.5" Gen5 NVMe/SATA/SAS-4 • (8 x SATA/SAS/NVMe + 8 x SATA/SAS supported)
Disk Controller	Per Node: SATA Controller: The Same as SAS Controller SAS Controller: • Broadcom SAS3008 (Support RAID0 4pcs , RAID1 2pcs) or 4 x SAS 12Gb/s ports or 4 x SATA 6Gb/s ports • Broadcom SAS3808N (Support RAID0 4pcs , RAID1 2pcs) or 4 x SAS 12Gb/s ports or 4 x SATA 6Gb/s ports • Broadcom SAS3808N (Support RAID0 , RAID1 2pcs) or 2 x NVMe PCIe Gen4 ports NVMe Controller: The Same as SAS Controller
Networking	2 x Intel X710-AT2 Gigabit LAN Controller (option)
Graphic	Aspeed AST2600 64MB
I/O Ports	Per Node: Front: N/A Rear: • 2 x USB 3.1 • 1 x Mini-DP • 1 x RJ45 Management

Specifications**Switch/LED****Per Node:****Front:**

- 1 x Power Switch/LED
- 1 x Location Switch/LED
- 1 x Message LED
- 2 x LAN LED

Rear:

- 1 x Power Switch/LED
- 1 x Q-Code/Port 80 LED

Management Solution

Software: AMAX Control Center (Classic)
Out of Band Remote Management: On-Board AB12-iKVM for KVM-over-IP

Power Supply

2+spare 3600W 80 PLUS Titanium redundant power supplies

Operating Environment

Operating temperature: 10°C ~ 35°C
Non-operating temperature: -40°C ~ 70°C
Non-operating humidity: 20% ~ 90% (non-condensing)

