

ServMax® A-1240T

1U 2-Node 2-Socket AMD EPYC Server



Features

- 1U, 2-Node 2-Socket AMD EPYC™ 9004 Multi-Node Server
- AMD EPYC Genoa 2P (2-Socket) Solution for each node
 - The server with the highest CPU core density in the industry (utilizing air cooling)
 - For 1U rack space: support up to 4 CPUs / 336 CPU cores (using AMD 9634 CPU; 84 core)
- All front-access I/O, and hot swappable drawer design for each node, easy to maintenance
- Shared redundant power supplies provide better power efficiency

Applications

- High performance computing

Specifications

Form Factor	• 1U 2-Node
Per Node Specifications	
Processor	• Number of Processors: 2 • Processor Type: 2 x AMD EPYC™ 9004 series processor • Max. TDP Support: 290W (84-Core)
Memory	• Total Slots: 12 • Memory Type: 1DPC: DDR5 RDIMM 4800MT/s • DIMM Capacity (GB per DIMM): 32GB, 64GB, 128GB
Expansion Slots	• 1 x PCIe5.0 x16 • 1 x OCP3.0 NIC
Storage Bays	• SKU -#1: 2 x 2.5" U.2 SSD • SKU -#2: 4 x E1.S EDSFF SSD
Onboard Storage	• 2 x M.2 SSD 2280/22110
Management	• Aspeed® AST2600 management controller
Networking Interface	• 1 x OCP NIC 3.0
Front I/O Ports	• 1 x dedicated 10/100/1000BASE-TX RJ-45 port with LEDs • 1 x USB 3.0 port on front panel; Type A connector • 1 x Mini-DP • 1 x Reset button • 1 x Power button with LED
OS Support	• RedHat RHEL 9.0 • Ubuntu 22.04

Specifications	
Other Specifications per System/Chassis	
Power Supply	• 1+1 1600W/2000W CRPS
Fans	• 6 hot-swappable Fans
Operating Environment	• Ambient operating temperature range: 5°C to +35 °C • Storage temperature range: -40°C to +60 °C • Transportation temperature range: -40°C to +60°C (short-term storage) • Operating and Storage relative humidity: 10% to 90% (non-condensing)
Chassis Dimension (W x H x D)	• 17.6" (W) x 1.7" (H) x 33.9" (D) / • 448mm (W) x 43.6mm (H) x 860mm (D)

