

StorMax® A-4136T

4U UP AMD EPYC™ 36 + 2-Bay SATA/SAS Storage Server



Features

- Single AMD EPYC™ 9005/9004 Series Processors
- 12-Channel DDR5 RDIMM, 24 x DIMMs
- 2 x 10Gb/s LAN ports via Broadcom® BCM57416
- 24 x 3.5"/2.5" SATA/SAS hot-swap bays on the front side
- 12 x 3.5"/2.5" SATA/SAS hot-swap bays on the rear side
- 2 x 2.5" SATA/SAS bays on the rear side for boot drives
- SAS expander with 12Gb/s transfer speed
- 1 x M.2 slot with PCIe Gen4 x4 interface
- 4 x LP PCIe Gen5 x16 slots
- Dual 1600W 80 PLUS Titanium redundant power supply

Applications

- Storage
- Networking

Specifications

Dimensions	448.5mm x 174.3mm x 625mm (4U) 17.7" x 6.9" x 25"
Processor Support	AMD EPYC™ 9005 Server Processors AMD EPYC™ 9004 Server Processors Single processor, TDP up to 500W
Socket	1 x LGA 6096 (SP5)
Core Logic	System on Chip
Memory	24 x DDR5 DIMMs, 12-Channel DDR5 RDIMM per CPU AMD EPYC™ 9005: • Up to 5200 MT/s (1DPC) • Up to 4400 MT/s (1R 2DPC), 4000 MT/s (2R 2DPC) AMD EPYC™ 9004: • Up to 4800 MT/s (1DPC), 3600 MT/s (2DPC)
Expansion Slots	4 x LP x16 (Gen5 x16)
Storage	Front hot-swap: • 24 x 3.5"/2.5" SATA/SAS ^[1] Rear hot-swap: • 12 x 3.5"/2.5" SATA/SAS ^[1] Rear: • 2 x 2.5" SATA/SAS ^[2], for boot drives Internal M.2: • 1 x M.2 (2280/22110), PCIe Gen4 x4 ^[1] Storage card is required to enable SATA and SAS drives. - Broadcom SAS35x48 expander - Bandwidth: SATA 6Gb/s or SAS 12Gb/s per port ^[2] Additional SAS card is required for SAS support on boot drives.
Networking	2 x 10 Gb/s LAN (1 x Broadcom® BCM57416), Supports NCSI
Graphics	Integrated in ASPEED® AST2600 • 1 x VGA port

Specifications

I/O Ports	Front: • 2 x USB 3.2 Gen1 (Type-A) • 1 x Power button with LED • 1 x ID button with LED • 1 x Reset button • 2 x LAN activity LEDs • 1 x System status LED Rear: • 2 x USB 3.2 Gen1 (Type-A) • 1 x VGA • 1 x Serial • 2 x RJ45 • 1 x MLAN • 1 x ID button with LED
Management Solution	ASPEED® AST2600 Baseboard Management Controller AMAX Management Console web interface
Power Supply	Dual 1600W 80 PLUS Titanium redundant power supplies
Cooling	8 x 80x80x38mm System Fans
Operating Environment	Operating temperature: 10°C to 30°C Operating humidity: 8% to 80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20% to 95% (non-condensing)

