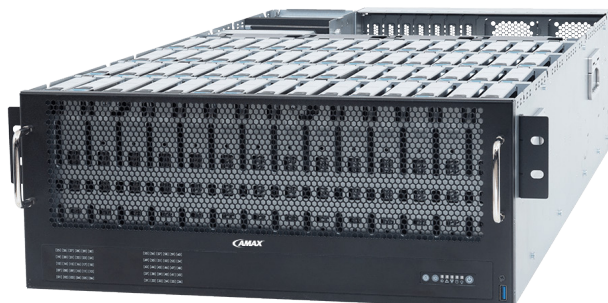


StorMax® A-4160T

4U UP AMD EPYC™ 60-Bay SATA/SAS + 6-Bay Gen5 NVMe + 2-Bay SATA Storage Server



Features

- Single AMD EPYC™ 9005/9004 Server Processors
- 12-Channel DDR5 RDIMM per CPU with 24 x DIMMs
- 2 x 10 Gb/s LAN ports via Broadcom® BCM57416
- 60 x 3.5" internal SATA/SAS hot-swap bays
- 2 x 2.5" SATA hot-swap bays on the rear side
- 6 x 2.5" Gen5 NVMe hot-swap bays on the rear side
- SAS expanders with 12 Gb/s transfer speed
- 1 x M.2 slot with PCIe Gen4 x4
- 4 x LP PCIe x16 slots with Gen5 x16 lanes
- 3+1 800W 80 PLUS Titanium redundant power supplies

Applications

- Storage

Specifications

Dimensions	434mm x 176mm x 853mm (4U) 17.1" x 6.9" x 33.6"
Processor Support	AMD EPYC™ 9005 Server Processors (Up to 64 cores) AMD EPYC™ 9004 Server Processors (Up to 84 cores) Single processor, TDP up to 300W
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	Internal hot-swap: • 60 x 3.5" SATA/SAS ^[1] Rear hot-swap: • 6 x 2.5" Gen5 NVMe • 2 x 2.5" SATA Internal M.2: • 1 x M.2 (2280/22110), PCIe Gen4 x4 ^[1] Storage card is required to enable SATA and SAS drives. - Broadcom SAS35x40 expander - Bandwidth: SATA 6 Gb/s or SAS 12 Gb/s per port
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:

- 1 x USB 3.2 Gen1 (Type-A)
- 1 x Power button
- 1 x ID button
- 1 x Reset button
- 1 x Power LED
- 1 x LAN activity LED (for LAN 1)
- 1 x Storage activity LED (right) (disabled)
- 60 x Storage activity LEDs (left)
- 1 x System status LED
- 1 x ID 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 LED

Power Supply

3+1 800W 80 PLUS Titanium redundant power supplies

Cooling

4 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)

