

StorMax® X-4236I

4U DP Intel® Xeon® 36 + 2-Bay SATA/SAS Storage Server



Features

- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- 8-Channel DDR5 RDIMM, 16 x DIMMs
- 2 x 10 Gb/s LAN ports via Intel® X710-AT2
- 2 x 1 Gb/s LAN ports via Intel® I210-AT
- 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 12 Gb/s transfer speed
- 2 x M.2 PCIe Gen4 x4
- 6 x LP PCIe Gen5 x16
- Dual 1600W 80 PLUS Titanium redundant power supply

Applications

- Storage

Specifications

Dimensions	482.6mm x 177mm x 625mm (4U) 19" x 7" x 25"
Processor Support	5th Generation Intel® Xeon® Scalable Processors 4th Generation Intel® Xeon® Scalable Processors Dual processors, TDP up to 270W
Socket	2 x LGA 4677
Core Logic	Intel® C741
Memory	16 x DDR5 DIMMs, 8-Channel DDR5 RDIMM per CPU 5th Gen Intel® Xeon®: • Up to 5600 MT/s 4th Gen Intel® Xeon®: • Up to 4800 MT/s
Expansion Slots	6 x LP x16 (Gen5 x16)
Storage	Front hot-swap: • 24 x 3.5"/2.5" SATA/SAS ^[1] , connected to expander Rear hot-swap: • 12 x 3.5"/2.5" SATA/SAS ^[1] , connected to expander • 2 x 2.5" SATA/SAS ^[2] , for boot drives Internal M.2: • 2 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 Intel® X710-AT2) 2 x 1 Gb/s LAN (2 x Intel® I210-AT), Supports NCSI function (by switch setting)
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
- 4 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

4 x 80x80x38mm System Fans

Operating Environment

Operating temperature: 10°C to 35°C
Operating humidity: 8% to 80% (non-condensing)
Non-operating temperature: -40°C to 60°C
Non-operating humidity: 20% to 95% (non-condensing)

