ACE® POWERWORKS MATRIX
PM-E2GS94

Product Description: The Ace Powerworks Matrix PM-E2GS94 is a 2U rack server designed for high-performance computing and data-intensive applications. It supports dual Intel Xeon 6 processors and offers extensive storage and expansion capabilities.

Key Features:

- Processor: Dual Intel Xeon 6 processors, 2 x LGA 4710 Socket E2, TDP up to 350W
- Memory: 32 DIMM slots, supports DDR5 RDIMM/MCR DIMM, 8-Channel memory architecture.
- Storage: 24 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swappable bays, 2 x 2.5" SATA/SAS-4 hot-swappable bays on the rear side
- Power Supply: 1+1 2000W 80 PLUS Titanium redundant power supplies
- Form Factor: 2U rackmount

Applications:

- Hybrid/Private Cloud Server
- AI and Analytics
- Edge and IoT
- High-Performance Computing (HPC)

Built and tested under ISO9001:2000 compliant manufacturing facility in Des Plaines, IL
Freight Included and insured. FOB destination

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KEY SPECIFICATIONS:

Form Factor:	2U rackmount
Dimensions:	Height: 3.44" (87.5 mm) Width: 17.24" (438 mm) Depth: 32.09" (815 mm)
Processor:	Dual Intel Xeon 6 processors, LGA 4710, TDP up to 350W
Supported GPUs:	N/A
Motherboard:	Gigabyte MS94-FS0
Chipset:	System on Chip
Memory:	32 DIMM slots, supports DDR5 RDIMM/MCR DIMM
Storage:	24 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swappable bays 2 x 2.5" SATA/SAS-4 hot-swappable bays on the rear side
Internal M.2:	M.2: 2 x M.2 slots with PCIe Gen5 x4 interface
RAID:	Require RAID add-in cards, Onboard VROC key header
Expansion Slots:	2 x FHHL Dual-slot PCIe Gen5 x16 slots 1 x FHHL Single-slot PCIe Gen5 x16 slot 1 x OCP NIC 3.0 PCIe Gen5 x16 slot
Power Supply:	1+1 2000W 80 PLUS Titanium redundant power supplies
Operating System:	Supports various operating systems

ADDITIONAL FEATURES:

System Management:	Aspeed AST2600 Baseboard Management Controller and Gigabyte Management Console web interface
Cooling System:	Automatic fan speed control for optimal cooling and power efficiency
Networking::	2 x 1Gb/s LAN ports via Intel I350-AM2

Warranty:
Duration: Standard Ace 3 Year warranty terms apply.
Optional Extended Warranty: 3-5 Year warranty options. *Max 3 Year warranty on GPUs.
Coverage: Parts and labor warranty.