

# 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



[www.acecomputers.com](http://www.acecomputers.com) | (877)-223-2667  
[sales@acecomputers.com](mailto:sales@acecomputers.com)



# ACE® POWERWORKS MATRIX PM-E2GS94

## 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-F50
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.



[www.acecomputers.com](http://www.acecomputers.com) | (877)-223-2667  
[sales@acecomputers.com](mailto:sales@acecomputers.com)



Ace Computers recommends Microsoft® Windows® 11® Professional. Specifications are subject to change without notice. Ace and the Ace Logo are registered trademarks and Vision Series is a trademark of Ace Computers, JC Technology, Inc. Intel, the Intel Inside Logo and are registered trademarks of Intel Corporation. Microsoft and Windows are registered trademarks of Microsoft Corporation. All other brands and product names are trademarks or registered trademarks of their respective companies. Not responsible for errors or omissions in typography or photography.

© 2024 JC Technology



 Made in U.S.A.