

# ACE® POWERWORKS MATRIX PN-D1GS94

**Product Description:** The Powerworks Matrix PN-D1GS94 is a 1U 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, LGA 4710
- Memory: Up to 32 DIMM slots, supports DDR5 RDIMM/MCR DIMM
- Storage: 12 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swappable bays
- Power Supply: Dual 1600W 80 PLUS Titanium redundant power supply
- Form Factor: 1U rackmount, rail kit included

## 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 PN-D1GS94

## KEY SPECIFICATIONS:

Form Factor:	1U rackmount
Dimensions:	438 x 43.5 x 815 mm
Processor:	Dual Intel Xeon 6 processors, LGA 4710
Motherboard:	Gigabyte MS94-F50
Memory:	32 x DIMM slots, supports DDR5 RDIMM/MCR DIMM
Storage:	12 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swappable bays
Internal M.2:	2 x M.2 (2280/22110), PCIe Gen5 x4
RAID:	Requires add-in cards. Onboard VROC key header
Expansion Slots:	2 x FHHL PCIe Gen5 x16 slots, 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
Power Supply:	Dual 1600W 80 PLUS Titanium redundant power supply
Operating System:	Supports various operating systems

## ADDITIONAL FEATURES:

System Management:	Aspeed AST2600 Baseboard Management Controller, Gigabyte Management Console web interface
Cooling System:	Enterprise grade CPU air coolers. Heavy duty chassis fans with automatic speed control for optimal cooling and power efficiency
Networking:	2 x 1Gb/s LAN ports via Intel I350-AM2, 1 x 10/100/1000 Mbps management LAN (Please inquire about additional Networking)
Video:	Integrated Aspeed AST2600 2D Video Graphic Adapter, 1 VGA Port

### 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.