

## Overview

Maipu MPS201-G4 is a high-end 2U dual-socket server, supporting 1 or 2 4th/5th generation Intel® Xeon® Scalable processors, 32\*DIMM DDR5 memory slots, supports 2\*M.2 interfaces, 1\*RJ45 management port, and 12\*PCIe 5.0 expansion slots. It is suitable for virtualization, cloud computing, big data processing, high-performance computing, distributed storage, enterprise markets, or telecommunications business applications, and more.



## Key Features

- Supports 1 or 2 4th/5th generation Intel® Xeon® Scalable processors, with a maximum TDP of 350W
- Supports a maximum of 32\*DDR5 memory slots, with memory frequencies of 4400/4800/5600MHz
- 2\*SATA/NVMe M.2 interfaces.
- Modular design, allowing various combinations of PCIe and hard drive options.
- Up to 12\*PCIe 5.0 expansions, with optional support for 4 double-width, full-height, full-length GPU cards.

# Technical Specifications

Product Model	MPS201D12R-NV-G4	MPS201D12R-G4	MPS201D24R-NV-G4
Form Factor	2U 12*U.2 Direct-Connect Server	2U 12*SATA/SAS Direct-Connect Server	2U 24*U.2 Direct-Connect Server
System Size	799*433*87.6mm (Depth*Width*Height)		
Processor	Supports 1 or 2 4th/5th generation Intel® Xeon® Scalable processors, with a maximum TDP of 350W		
Memory	32*DDR5 memory slots, supporting DDR5 RDIMM 4400/4800/5600MHz memory		
Internal Storage Interface	3*Mini SAS HD interfaces, 2*SATA/NVMe M.2 SSD interfaces, 14*MCIO interface		
External Hard Drive	Front: support 12*hot-swappable 3.5/2.5-inch SAS/SATA/U.2 hard drives Rear: optional support 2*2×2.5-inch hard drive.	Front: support 12*hot-swappable 3.5/2.5-inch SAS/SATA hard drives Rear: optional support 2*2×2.5-inch hard drive.	Front: support 24*hot-swappable 2.5-inch SAS/SATA/U.2 hard drives Rear: optional support 2*2×2.5-inch hard drive.
External Ports & Buttons	Front: 1*VGA, 2*USB3.0, Rear: 1*VGA, 1*RJ45 Gigabit Ethernet ports, 1*COM port, 2*USB3.0		
PCIe Expansion	6 full-height PCIe slots, 4 half-height PCIe slots, 2 OCP 3.0 slots Riser1/2: 1*Full height PCIe 5.0 x16, 2* Full height PCIe 5.0 x8 2* Full height PCIe 5.0 x16 Riser3/4 : 2*half height PCIe 5.0 x8 1*half height PCIe 5.0 x16 OCP: 2*OCP 3.0(PCIe 5.0 x8)		
Security	Support TPM Module (Optional)		
Power Supply	Optional AC 220V 550W、800W、1300W、1600W、2000W、2200W 1+1 redundant power supply(adapted to actual power requirements)		
FAN	Standard 4 hot-swappable N+1 redundant fans, supporting 8038/8056 specifications		
IPMI	IPMI 2.0		
Management	1*DC0 RJ45 Management Port		
Temperature	Working Temperature 5°C–35°C Short-term storage (≤72 hours): -40°C ~ 70°C Long-term storage (>72 hours): 20°C ~ 28°C		
Humidity	Working Humidity 20%–80%RH non-condensing Short-term storage (≤72 hours): 20% ~ 90% RH (non-condensing, including packaging) Long-term storage (>72 hours): 30% ~ 70% RH (non-condensing, including packaging)		

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Maipu values and appreciates comments you may have concerning our products or this document. Please address comments to:

*Maipu Communication Technology Co., Ltd*  
No.16, Jiuxing avenue  
Hi-Tech Zone  
Chengdu, Sichuan Province  
P. R. China  
610041  
Tel: (86) 28-65544850,  
**Fax:** (86) 28-65544948,  
**URL:** [http:// www.maipu.com](http://www.maipu.com)  
**Email:** [overseas@maipu.com](mailto:overseas@maipu.com)

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