

Maipu MPS201-G4 Series Rack Server Datasheet

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)		

All rights reserved. Printed in the People's Republic of China.

No part of this document may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise without the prior written consent of Maipu Communication Technology Co., Ltd.

Maipu makes no representations or warranties with respect to this document contents and specifically disclaims any implied warranties of merchantability or fitness for any specific purpose. Further, Maipu reserves the right to revise this document and to make changes from time to time in its content without being obligated to notify any person of such revisions or changes.

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

All other products or services mentioned herein may be registered trademarks, trademarks, or service marks of their respective manufacturers, companies, or organizations.