Maipu MPS201S Series Rack Server Datasheet

Overview

Maipu MPS201S is a standard 2U dual-socket server, supporting 1 or 2 1st/2nd generation Intel® Xeon® Scalable processors, 16*DIMM DDR4 memory slots, supports 1*M.2 interfaces, 2*RJ45 Ethernet ports, 1*RJ45 management port, and 6*PCIe 3.0 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 1st/2nd generation Intel® Xeon® Scalable processors
- Supports a maximum of 16*DDR4 memory slots, with memory frequencies of 2400/2666/2933MHz
- 1* built-in NVMe PCIe 3.0 M.2 interfaces
- Up to 6*PCIe expansions

Technical Specifications

Product Model	MPS201SD08R	MPS201SD12RE	MPS201SD25RE
Form Factor	2U 8*SATA/SAS Direct-Connect Server	2U 12*SATA/SAS Expansion Server	2U 25*SATA/SAS Expansion Server
External Hard Drive	Front: support 8*hot-swappable 3.5/2.5-inch SAS/SATA/U.2 hard drives Rear: optional support 2×2.5-inch SAS/SATA/U.2 hard drive modules	Front: support 12*hot-swappable 3.5/2.5-inch SAS/SATA/U.2 hard drives Rear: optional support 2×2.5-inch SAS/SATA/U.2 hard drive modules	Front: support 25*hot-swappable 3.5/2.5-inch SAS/SATA/U.2 hard drives Rear: optional support 2×2.5-inch SAS/SATA/U.2 hard drive modules
System Size	695*433*87.6mm (Depth*Width*Height)		
Processor	Supports 1 or 2 1st/2nd generation Intel® Xeon® Scalable processors		
Memory	16*DDR4 memory slots, supporting DDR4 LRDIMM/RDIMM 2400/2666/2933MHz memory		
Internal Storage Interface	3*Mini SAS HD interfaces, 2*SATA DOM interfaces, 1*NVMe PCIe 3.0*4 interfaces, 2*Slimline 4i interfaces		
External Ports & Buttons	Front: 2*USB 3.0, 1*Power button, 1*Reset button, 1*Hard disk indicator, 1*System fault indicator, 2*Network status indicators Rear: 1*VGA, 2*RJ45 Gigabit Ethernet ports, 1*RJ45 Gigabit Management port, 1*COM port, 2*USB3.0, 2*USB2.0		
PCIe Expansion	4*half height PCIe 3.0 x16 , 2*half height PCIe 3.0 x8		
Security	Support TPM Module (Optional)		
Power Supply	Optional AC 220V 550W、800W、1300W、1600W 1+1 redundant power supply(adapted to actual power requirements)		
FAN	Standard 3 (Max 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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