

Maipu MPS101 Series Rack Server Datasheet

Overview

Maipu MPS101 series is a high-end 1U dual-socket standard server, supporting 1/2 third-generation Intel® Xeon® Scalable series processors, 24*DIMM DDR4 memory slots, integrated 2*M.2 interface, 2*Gigabit Ethernet ports, 1*RJ45 management network port, 3*PCIe Expansion slots for virtualization, cloud computing, big data processing, high-performance computing, distributed storage, enterprise market, or telecom business application needs.



Key Features

- Support 1/2 third-generation Intel® Xeon® Scalable series processors, TDP maximum support 205W
- Support Maximum 24*DDR4 memory slots, memory frequency supports 2400/2666/2933MHz
- Support up to 3*PCIe high-speed expansion slots
- Support up to 2*PCIe M.2 interfaces

Technical Specifications

Product Model	MPS101D04R	MPS101D10R MPS101D10R-NV
Form Factor	1*U4 Disk Rackmount Service	1*U10 Disk Rackmount Service
System size	748*433.4*43.6mm (depth*width*height)	
Processor	Support 1/2 third-generation Intel® Xeon® Scalable series processors, TDP maximum support 205W	
Memory	24*DDR4 memory slots, support DDR4 2400/2666/2933 LRDIMM/RDIMM memory	
Internal storage interface	3*Mini SAS HD interfaces, 2*SATA DOM interfaces, 2*NVMe M.2 interface	
External hard drive	The front supports 4*hot-swappable 3.5/2.5 inches SAS/SATA hard disks	The front supports 10*hot-swappable 2.5 inches SAS/SATA/U.2 hard disks
External Ports & Buttons	Front: 2*USB3.0, 1*VGA Rear: 1*VGA, 1*COM, 2*USB3.0, 1*RJ45 management network port, 2*RJ45 Gigabit Ethernet ports	Front: 2*USB2.0 Rear: 1*VGA, 1*COM, 2*USB3.0, 1*RJ45 management network port, 2*RJ45 Gigabit Ethernet ports
PCIe expansion	Support 2*PCIe 3.0 half-height Slots and 1*OCP 3.0 Slot	
Security	Support TPM Module (Optional)	
Power supply	Optional AC 220V 550W、800W、1300W、1600W、2000W、2200W 1+1 redundant power supply	
FAN	7*4056 Hot swap N+1 FANS by default	
IPMI	IPMI 2.0	
Management	1*DC0 RJ45 Management Port	
Working temperature and humidity	Temperature 5°C–35°C/humidity 20%–80%RH non-condensing	

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