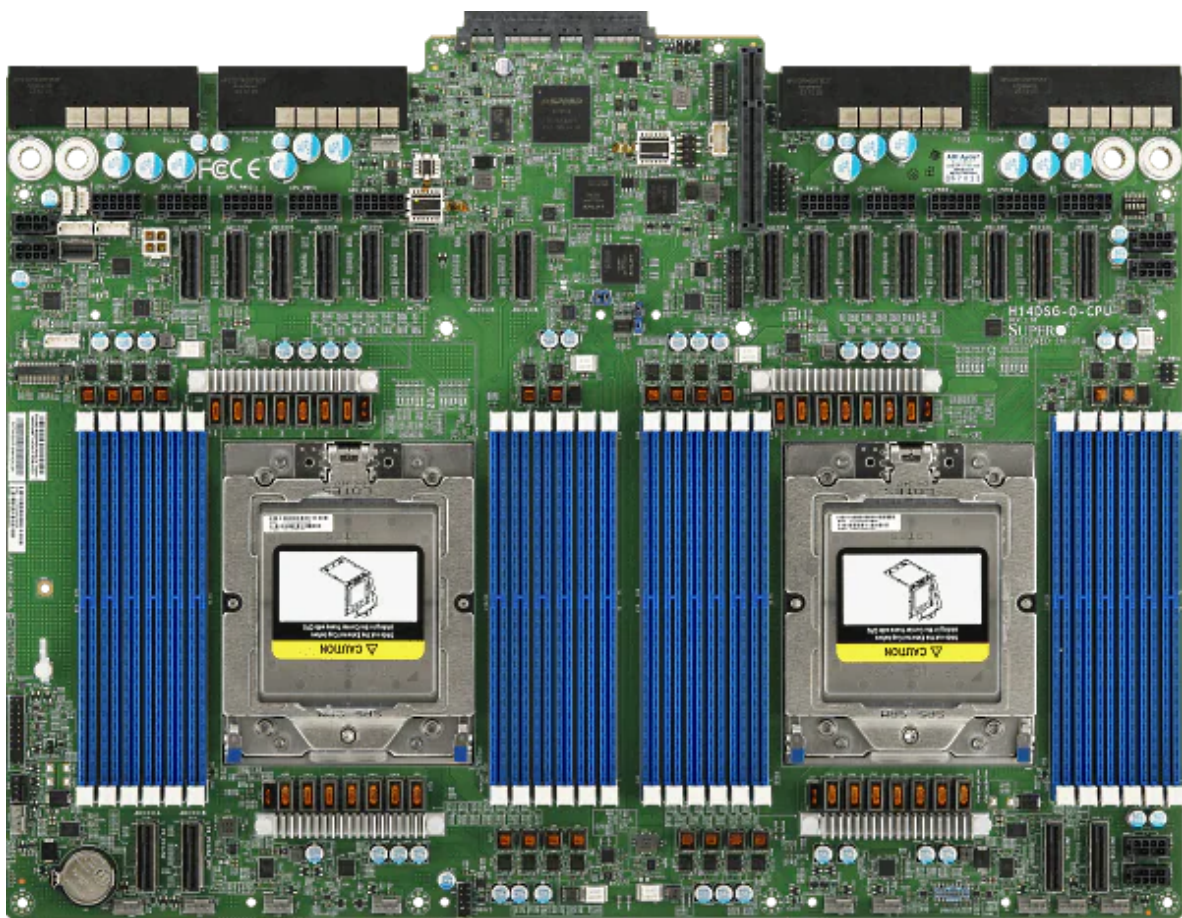# H14DSG-O-CPU (For A+ Server Only) New

🖨 Print

GPU DP Server board

Key Features

1. AMD EPYC™ 9005 series Processors
2. Support up to DDR5 24 DIMM slots (1DPC)
3. 20 PCIe 5.0 x8 MCIO connectors
4. 2x USB 3.0 via I/O board
5. Integrated IPMI 2.0 + KVM with dedicated LAN
6. 2 SATA3, 1AIOM slot

...

Optimized Servers

AS -5126GS-TNRT   AS -5126GS-TNRT2

Contact Us

Specifications   Resources   Parts List

Product SKUs

MBD-H14DSG-O-CPU

Physical Stats

Form Factor	Proprietary
Dimension	17" x 14.95" (43.18cm x 37.97cm)

Processor

CPU	AMD EPYC™ 9005 Series Processors Dual Socket SP5 supported, CPU TDP supports Up to 500W TDP
Core	Up to 384 cores, 768 threads

System Memory

Memory Capacity	24 DIMM slots Up to 9TB 3DS ECC Registered RDIMM, DDR5-6000MT/s
Memory Type	6000/4800 MT/s ECC DDR5 RDIMM (3DS) Up to 9TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor, 1DPC)
DIMM Sizes	16GB, 24GB, 32GB, 48GB, 64GB, 96GB, 128GB, 192GB, 256GB, 384GB
Memory Voltage	1.1V
Error Detection	Corrects single-bit errors Detects double-bit errors (using ECC memory)

On-Board Devices

Chipset	System on Chip
SATA	Asmedia ASM1061 controller for 2 SATA3 (6 Gbps) ports
Graphics	1 Aspeed AST2600 BMC port(s)
Network Controllers	N/A

Input / Output

LAN	1 RJ45 Dedicated IPMI LAN port via I/O board
USB	2 USB 2 port(s) (2 via header)
TPM	1 TPM Header
Others	20 MCIO (PCIe 5.0 x8) Port(s) 2 SATA

Expansion Slots

PCIe	1 PCIe 5.0 x16 AIOM Networking Slot
M.2	M.2 Interface: 1 PCIe 3.0 x4 Form Factor: 22110, 2280 Key: M-Key

System BIOS

BIOS Type	AMI 64MB SPI Flash EEPROM
BIOS Features	ACPI 6.5 SMBIOS 3.7 or later UEFI 2.8

Management

Software	SuperCloud Composer, Supermicro Server Manager (SSM), Super Diagnostics Offline (SDO), Supermicro Thin-Agent Service (TAS), SuperServer Automation Assistant (SAA) New!, Plug-ins for 3rd Party Software

PC Health Monitoring

Voltage	System temperature, Memory temperature, CPU temperature, 3.3V standby, +5V standby, +5V, +3.3V, +12V, CPU thermal trip support
LED	UID/Remote UID Power LED BMC/IPMI Heartbeat LED CPU / System Overheat LED Fanfailed LED
FAN	6x 8-pin fan headers (up to 6 fans)

Operating Environment

Operating Temperature Range	10°C - 35°C (50°F - 95°F)
Non-Operating Temperature Range	-40°C - 70°C (-40°F - 158°F)
Operating Relative Humidity Range	8% - 90% (non-condensing)
Non Operating Relative Humidity Range	5% - 95% (non-condensing)

Certain products may not be available in your region

Global SKU 🌐 English

About Us
Company Profile
Green Computing
Investor Relations
Careers
Site Map
Glossary

News
Press Releases
Supermicro in the News
Product Reviews
Events
Webinars

Resources
Product Briefs
Solution Briefs
Success Stories
Videos
White Papers
Thought Leadership
MySupermicro
Data Center Stories

Connect & Follow
Locations
Contact Us
Newsletter Sign-up