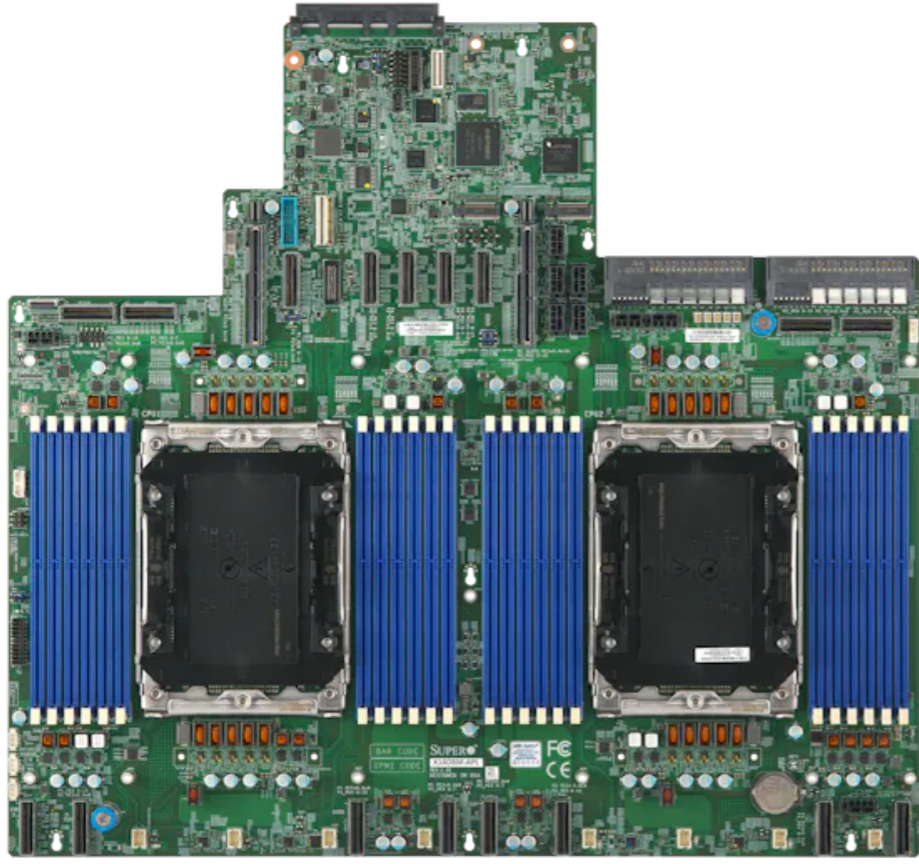


X14DBM-APL (For SuperServer Only) Coming Soon

Print



Key Features

1. Support Single CPU Operation
2. 6th Gen Intel® Xeon® Scalable processors, Dual Socket LGA-7529 (Socket BR) supported, CPU TDP supports Up to 500W
3. Support DDR5-RDIMM 6400MT/s in 24 DIMM slots
4. Support DDR5-MRDIMM 8800MT/s in 24 DIMM slots
5. 8 NVMe ports PCIe 5.0 x8 via 8 M.2 connectors
6. **M.2 Interface:** 2 PCIe5.0 x2 **M.2 Form Factor:** 2280, 22110 **M.2 Key:** M-Key
7. Modular design. 24 DIMM, AIOM, up to 24 drives support.

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Optimized Servers

[SYS-122HA-TN-LCC](#)

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Specifications

Resources

Parts List

Product SKUs	
MBD-X14DBM-APL	
Physical Stats	
Form Factor	Proprietary
Dimension	17" x 15.565" (43.18cm x 39.54cm)
Processor	
CPU	Dual Socket BR (LGA-7529) supported, CPU TDP supports Up to 500W TDP
Core	Up to 288 (E) cores
System Memory	
Memory Capacity	24 DIMM slots Up to 6TB ECC Registered MRDIMM, DDR5-8800MT/s; Up to 6TB 3DS ECC Registered RDIMM, DDR5-6400MT/s
Memory Type	ECC DDR5 MRDIMM, RDIMM (3DS) Up to 256GB of memory with speeds of up to 8800 MT/s (MRDIMM 1DPC) or 6400 MT/s (RDIMM 1DPC)
DIMM Sizes	MRDIMM: 32GB, 48GB, 64GB, 96GB, 128GB, 256GB RDIMM: 32GB, 48GB, 64GB, 96GB, 128GB, 256GB
Memory Voltage	1.1V
Error Detection	Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	System on Chip
Network Controllers	N/A

Expansion Slots	
PCIe	16 PCIe 5.0 x8 M.2 connector
M.2	M.2 Interface: 2 PCIe 5.0 x2 Form Factor: 2280/22110 Key: M-Key
System BIOS	
BIOS Type	AMI 64MB AMI UEFI
BIOS Features	ACPI 6.5 SMBIOS 3.7 or later UEFI 2.9
Management	
Software	Redfish API , Supermicro Server Manager (SSM) , Supermicro Update Manager (SUM) , Supermicro SuperDoctor® 5 (SD5) , Super Diagnostics Offline (SDO) , KVM with dedicated LAN , IPMI 2.0
PC Health Monitoring	
Voltage	4 fans with tachometer monitoring, 3.3V standby, +5V standby, +5V, +3.3V, Monitors CPU Core Voltages, BMC/IPMI Heartbeat LED, Platform Environment Control Interface (PECI)/(TSI), ACPI power management, Control of power-on for recovery from AC power loss, Low noise fan speed control
FAN	CPU thermal trip support

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Global SKU English

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