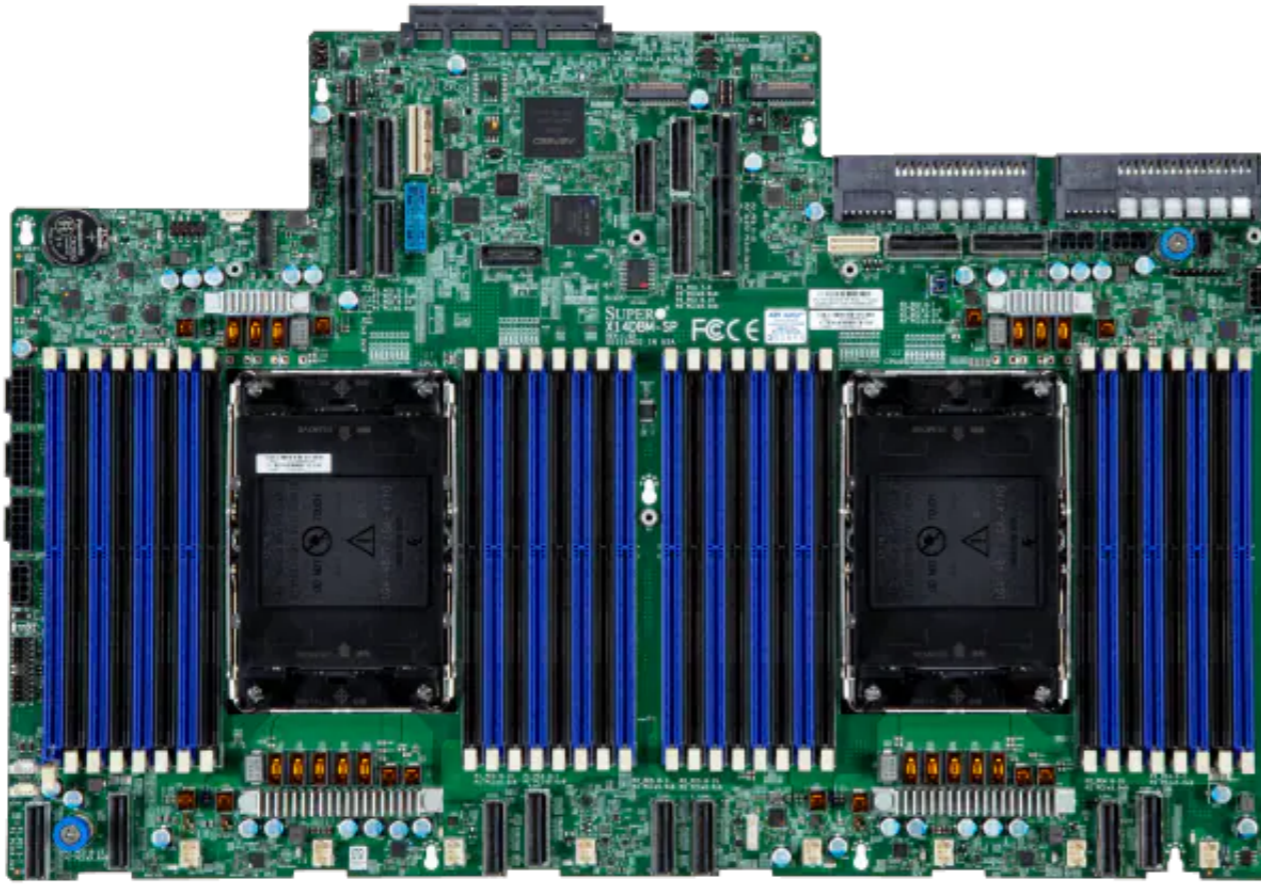


X14DBM-SP (For SuperServer Only) **New**

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Key Features

1. Support Single CPU Operation
2. 6th Gen Intel® Xeon® Scalable processors, Dual Socket LGA-4710 (Socket E2) supported, CPU TDP supports up to 350W
3. Support DDR5 RDIMM 6400MT/s in 32 DIMM slots
4. 8 NVMe ports PCIe 5.0 x8 via 8 MCIO connectors
5. **M.2 Interface:** 2 PCIe5.0 x2 **M.2 Form Factor:** 2280, 22110 **M.2 Key:** M-Key
6. Modular design. 32 DIMM, AIOM, up to 24 drives support.

...

Optimized Servers

[SYS-122H-TN](#) [SYS-222H-TN](#) [SYS-222HE-FTN](#) [SYS-222HE-TN](#)

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Specifications

Resources

Parts List

Product SKUs

MBD-X14DBM-SP

Physical Stats

| | |
|--------------------|---------------------------------|
| Form Factor | Proprietary |
| Dimension | 17" x 11.5" (43.18cm x 29.21cm) |

Processor

| | |
|-------------|--|
| CPU | Intel® Xeon® 6700-series processors with E-cores Dual Socket E2 (LGA-4710) supported, CPU TDP supports Up to 350W TDP |
| Core | Up to 144 (E) cores |

System Memory

| | |
|------------------------|---|
| Memory Capacity | 32 DIMM slots Up to 4TB ECC Registered RDIMM, DDR5-6400MT/s |
| Memory Type | ECC DDR5 RDIMM Up to 128GB of memory with speeds of up to 6400 MT/s(1DPC) or 5200 MT/s (2DPC) |
| DIMM Sizes | RDIMM: 32GB, 64GB, 96GB, 128GB |
| 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 | 15 PCIe 5.0 x8 MCIO 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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