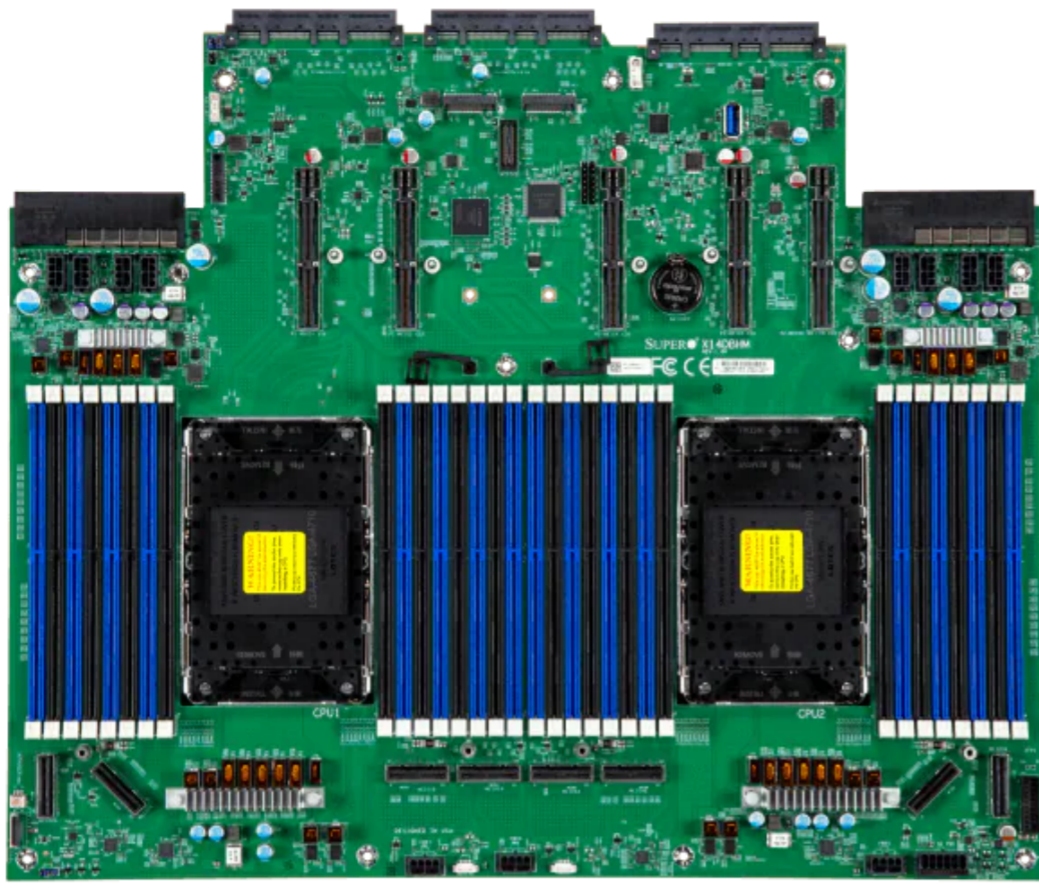


# X14DBHM (For SuperServer Only) **New**

**Print**


## Key Features

1. Intel® Xeon® 6 processors, Dual Socket LGA-4710 (Socket E2) supported, CPU TDP supports Up to 350W TDP
2. Total up to 8TB ECC RDIMM DDR5-6400MT/s in 32 DIMM slots
3. 8 PCIe 5.0 x8 via MCIO connectors
4. 4 Multi-Trak PCIe 5.0 x16
5. 1 Multi-Trak PCIe 5.0 x8
6. **M.2 Interface:** 2 PCIe5.0 x2 **M.2 Form Factor:** 2280, 22110 **M.2 Key:** M-Key
7. 2 AIOM PCIe 5.0 x16 slots
8. I/O: 1 DC-SCM

...

## Optimized Servers

[SYS-122C-TN](#) [SYS-222C-TN](#) [SSG-122B-NE316R](#) [SSG-222B-NE3X24R](#)

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## Specifications

## Resources

## Parts List

### Product SKUs

**MBD-X14DBHM**

### Physical Stats

**Form Factor** OCP M-FLW

**Dimension** 16.66" x 13.7" (42.3164cm x 34.798cm)

### Processor

**CPU** 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 8TB 3DS ECC RDIMM, DDR5-6400MT/s

**Memory Type** 6400 MT/s ECC DDR5 RDIMM (3DS) Up to 256GB of memory with speeds of up to 6400 MT/s (1DPC) or 5200MT/s (2DPC)

**DIMM Sizes** 16GB, 24GB, 32GB, 48GB, 64GB, 96GB, 128GB, 256GB  
RDIMM: 16GB, 32GB, 64GB, 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

### Input / Output

**LAN** 2 AIOM

**USB** 1 USB 3.2 Gen1 port(s) (1 type A)

**TPM** 1 TPM Header  
1 TPM TPM 2.0 onboard

### Expansion Slots

**PCIe** 2 PCIe 5.0 x16 AIOM Slot, AIOM slots Superset of OCP 3.0 Expansion,  
4 PCIe 5.0 x16,  
1 PCIe 5.0 x8 (in x16 slot),  
8 PCIe 5.0 x8

**M.2** M.2 Interface: 2 PCIe 5.0 x4  
Form Factor: 2280/22110  
Key: M-Key

### System BIOS

**BIOS Type** AMI

**BIOS Features** ACPI 6.5  
SMBIOS 3.7 or later  
UEFI 2.9

### Management

**Software** [Supermicro Server Manager \(SSM\)](#), [Supermicro SuperDoctor® 5 \(SD5\)](#), [Super Diagnostics Offline \(SDO\)](#), [SuperServer Automation Assistant \(SAA\) New!](#)

### PC Health Monitoring

**Voltage** VBAT, System level control, Supports system management utility, Monitors CPU voltages, +5V standby, +5V, +3.3V, +12V

**LED** UID/Remote UID  
CPU / System Overheat LED

**Temperature** Monitoring for CPU and chassis environment  
CPU thermal trip support  
Thermal Monitor 2 (TM2) support  
PECI

**FAN** Fan speed control

**Other Features** UID  
M.2 NGFF connector  
Control of power-on for recovery from AC power loss  
Chassis intrusion detection  
ACPI power management

Certain products may not be available in your region

Global SKU **English**

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