X14DBT-B (For SuperServer Only) New
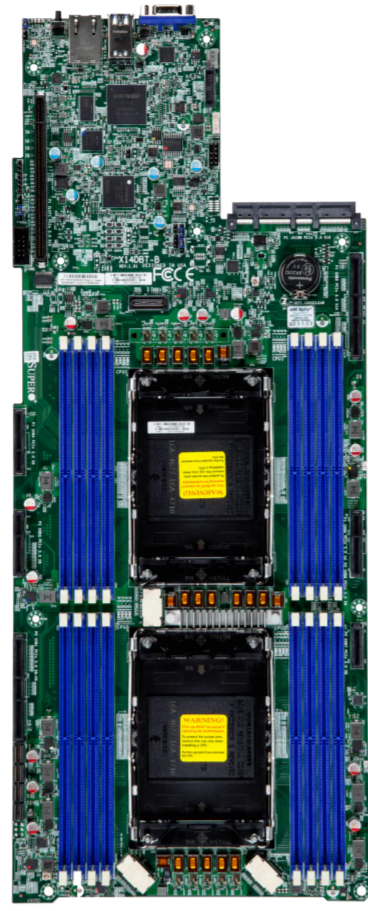
🖨 **Print**

Key Features

1. support optional single CPU opeartion
2. Intel® Xeon® 6 processors, Dual Socket LGA-4710 (Socket E2) supported, CPU TDP up to 350W
3. total 16 DDR5 (up to 6400MT/s) DIMM slots
4. two PCIe 5.0x16 Riser cards supporting high speed interface
5. PCIe 5.0 NVMe and SAS storages with optional RAID
6. up to four M.2 22x110 with optional RAID
7. support CXL 1.0, 1.1, 2.0 Type-3 Memory
8. PCIe 5.0x16 to AIOM slot

...

Optimized Servers

SYS-222BT-HNC8R   SYS-222BT-HNC9R   SYS-622BT-HNC8R

SYS-222BT-HNR   SYS-622BT-DNC8R   SYS-222BT-DNR   SYS-222BT-

Contact Us

Specifications	Resources	Parts List

Product SKUs

MBD-X14DBT-B

Physical Stats

Form Factor	Proprietary
Dimension	7.617" x 18.86" (19.347cm x 47.8cm)

Processor

CPU	Intel® Xeon® 6700-series processors with E-cores Dual Socket E2 (LGA-4710) supported, CPU TDP supports Up to 350W TDP, 4 UPI up to 24 GT/s
Core	Up to 144 (E) cores

System Memory

Memory Capacity	16 DIMM slots Up to 2TB 3DS ECC Registered RDIMM, DDR5-6400MT/s
Memory Type	ECC DDR5 RDIMM (3DS) Up to 128GB of memory with speeds of up to 6400 MT/s(1DPC)
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	Single LAN AIOM for LAN

Input / Output

USB	2 USB 3 port(s) (2 rear type A)
Video Output	1 VGA port(s)
Serial Port	1 COM Port(s) (1 Serial Port)
TPM	1 TPM Header

Expansion Slots

PCIe	1 PCIe 5.0 x16 for Left riser card support, 1 PCIe 5.0 x16 for Right riser card support, 1 PCIe 5.0 x4 (in x16 slot), For M.2 adapter to support two NVMe M.2 devices, 1 PCIe 5.0 x8 (in x16 slot), For M.2 adapter to support two NVMe M.2 devices, 1 PCIe 5.0 x16 AIOM, OCP 3.0 compliant, 1 PCIe 5.0 x16 (in x16 slot), For NVMe SCC storage card, 1 PCIe 5.0 x8, For NVMe SCC storage card, 1 PCIe 5.0 x8, For SAS SCC storage card, 1 PCIe 5.0 x8 M.2 Slot, For M.2 adapter to support RAID two NVMe M.2 devices, 3 PCIe 5.0 x8 NS connector, For cabling to SCC storage card
M.2	M.2 Interface: 4 PCIe 5.0 x4, RAID 0 & 1 Form Factor: 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	1x 4-pin fan header (up to 1 fan) CPU thermal trip support

---

Certain products may not be available in your region

Global SKU 🌐 English