X14DBT-FAP (For SuperServer Only) Coming Soon

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Key Features

1. Intel® Xeon® 6 processors, Dual Socket LGA-7529 (Socket BR) supported, CPU TDP supports up to 500W
2. Support DDR5 6400MT/s in 24 DIMM slots
3. Support DDR5-MRDIMM 8800MT/s in 24 DIMM slots
4. One PCIe 5.0 x16 interface via 2 MCIO connectors
5. up to two M.2 22x110mm form factor
6. One PCIe 5.0x16 Riser cards supporting high speed interface
7. Two PCIe 5.0x4 NVMe E1.S Storage ports via MCIO connector
8. One PCIe 5.0x16 to AIOM slot

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Optimized Servers

SYS-222FT-HEA-LCC

Contact Us

Specifications | Resources | Parts List

Product SKUs

MBD-X14DBT-FAP

Physical Stats

Form Factor	Proprietary
Dimension	8.7" x 27" (22.1cm x 68.58cm)

Processor

CPU	Intel® Xeon® 6900-series processors with P-cores Dual Socket BR (LGA-7529) supported, CPU TDP supports Up to 500W TDP
Core	Up to 128 (P) 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	AIOM for LAN

Input / Output

LAN	1 AIOM
USB	2 USB 2 port(s) (2 Type A)
Video Output	1 VGA (Rear/Internal) port(s)
TPM	1 TPM Header

Expansion Slots

PCIe	1 PCIe 5.0 x16 AIOM Networking Slot, AIOM slots Superset of OCP 3.0 Expansion, 1 PCIe 5.0 x16 (in x16 slot), support LP PCIe card, 2 PCIe 5.0 x8 MCIO connector, support FHHL PCIe card, 1 PCIe 5.0 x8 Riser Slot, For M.2 adapter to support two NVMe M.2 devices, 1 PCIe 5.0 x8 MCIO connector, For cabling to storage backplane
M.2	M.2 Interface: 2 PCIe 5.0 x4 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	3.3V standby, +5V standby, +5V, +3.3V, CPU thermal trip support, Monitors CPU Core Voltages, 2 fans with tachometer status monitoring, BMC/IPMI Heartbeat LED, Platform Environment Control Interface (PECI)/(TSI), ACPI power management
FAN	4x 8-pin fan headers (up to 4 fans)

Certain products may not be available in your region

Global SKU 🌐 English