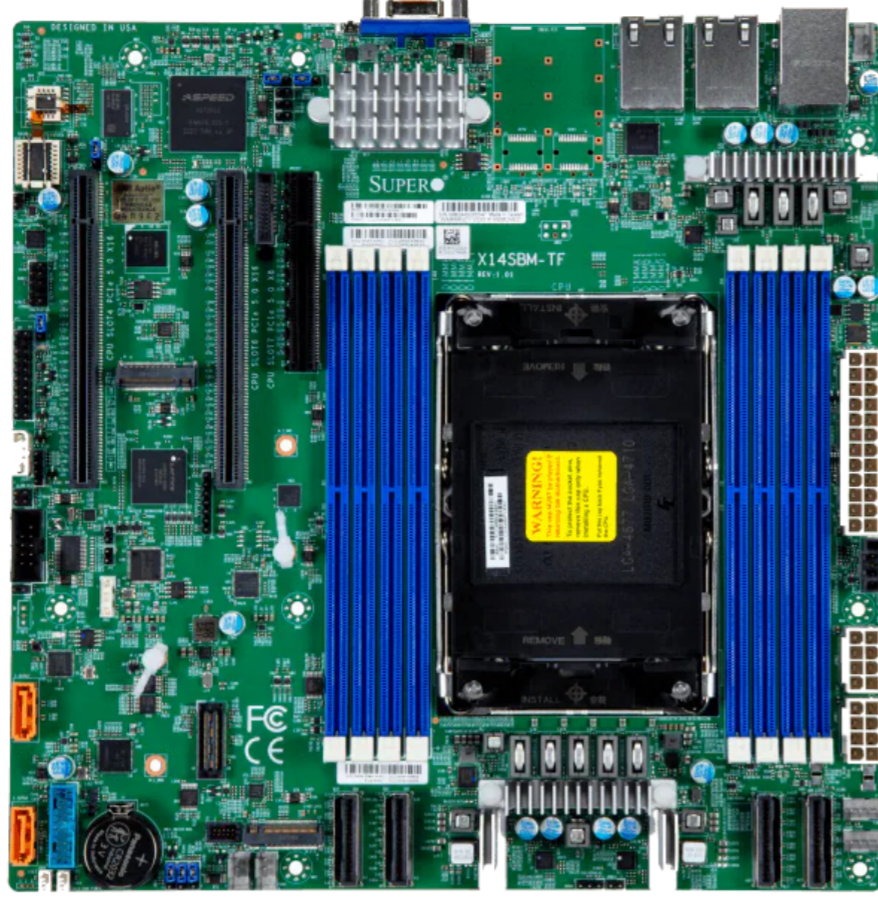» Products » Motherboards

X14SBM-TF New

🖶 Print

Key Features

1. Intel® Xeon® 6700-series processors with E-cores, Single Socket LGA-4710 (Socket E2) supported, CPU TDP supports Up to 350W TDP
2. Up to 1TB ECC RDIMM DDR5-6400MT/s in 8 DIMM slots
3. 4 PCIe 5.0 X8 via MCIO connectors
4. 1 PCIe 5.0 x8,
   2 PCIe 5.0 x16,
   M.2 Interface: 2 PCIe 5.0 x2
   M.2 Form Factor: 2280, 22110
   M.2 Key: M-Key
5. Dual LAN with 10GBase-T with Intel® X710-AT2
6. Onboard TPM2.0

...

Optimized Servers

SYS-212B-FN2T

Contact Us

Specifications | Resources | Parts List

Product SKUs

MBD-X14SBM-TF

Physical Stats

Form Factor	microATX
Dimension	9.6" x 9.6" (24.38cm x 24.38cm)

Processor

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

System Memory

Memory Capacity	8 DIMM slots Up to 1TB ECC Registered RDIMM, DDR5-6400MT/s
Memory Type	6400 MT/s ECC DDR5 RDIMM Up to 128GB of memory with speeds of up to 6400 MT/s(1DPC)
DIMM Sizes	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
SATA	ASMediaASM1061 controller for 2 SATA3 ports
IPMI	ASPEED AST2600 BMC
Network Controllers	Dual LAN with 10GBase-T with Intel® X710-AT2

Input / Output

SATA	2 SATA3 port(s)
LAN	2 RJ45 10 Gigabit Ethernet LAN ports 1 RJ45 Dedicated IPMI LAN port
USB	4 USB 3.2 Gen1 port(s) (2 via header; 2 rear)
Video Output	1 VGA D-Sub Connector port(s)
Serial Port	1 COM Port(s) (1 header)
TPM	1 TPM Header 1 TPM TPM 2.0 onboard

Expansion Slots

PCIe	2 PCIe 5.0 x16, 1 PCIe 5.0 x8, 4 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	VBAT, System level control, Supports system management utility, Monitors CPU voltages, 5 -fan status, +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	5x 4-pin fan headers (up to 5 fans) Fan speed control
Other Features	WOL UID Control of power-on for recovery from AC power loss ACPI power management

---

Certain products may not be available in your region

Global SKU 🌐 English

About Us
Company Profile
Green Computing
Investor Relations
Careers
Site Map
Glossary

News
Press Releases
Supermicro in the News
Product Reviews
Events
Webinars

Resources
Product Briefs
Solution Briefs
Success Stories
Videos
White Papers
Thought Leadership
MySupermicro
Data Center Stories

Connect & Follow
Locations
Contact Us
Newsletter Sign-up