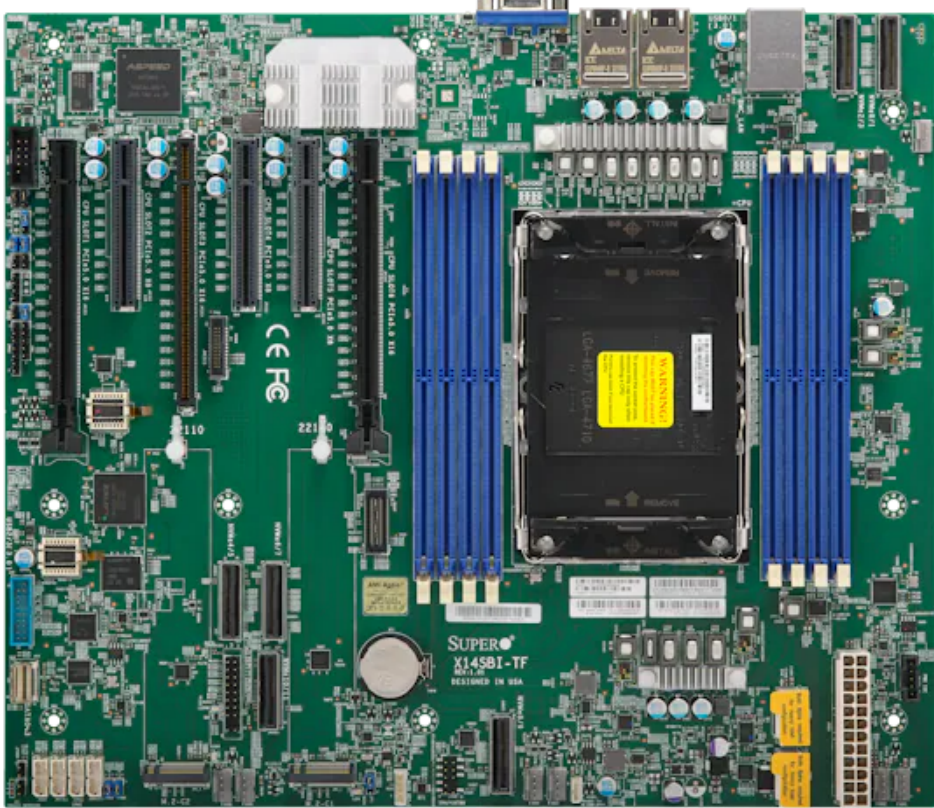




X14SBI-TF

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. 6 PCIe 5.0 x8 via MCIO connectors
4. 3 PCIe 5.0 x16,
3 PCIe 5.0 x8,
M.2 Interface: 2 PCIe 5.0 x2
M.2 Form Factor: 22110
M.2 Key: M-Key
5. Dual LAN with 10GBase-T with Intel®X550
6. Onboard TPM2.0

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Optimized Servers

[SYS-212B-FLN2T](#)

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Specifications	Resources	Parts List
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Product SKUs	
MBD-X14SBI-TF	
Physical Stats	
Form Factor	ATX
Dimension	12.3" x 10.5" (31.24cm x 26.67cm)
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	ASMediaASM1164 controller for 4 SATA3 ports
IPMI	ASPEED AST2600 BMC
Network Controllers	Dual LAN with 10GBase-T with Intel® X550
Input / Output	
SATA	4 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	3 PCIe 5.0 x8, 3 PCIe 5.0 x16, 6 PCIe 5.0 x8 PCIe5.0 MCIO connector
M.2	M.2 Interface: 2 PCIe 5.0 x2 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	VBAT, System level control, Supports system management utility, Monitors CPU voltages, Chassis intrusion header, +5V standby, +5V, +3.3V, +12V, Memory Voltages, 7 -fan status
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	7x 4-pin fan headers (up to 7 fans) Fan speed control Overheat LED indication
Other Features	WOL, 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

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