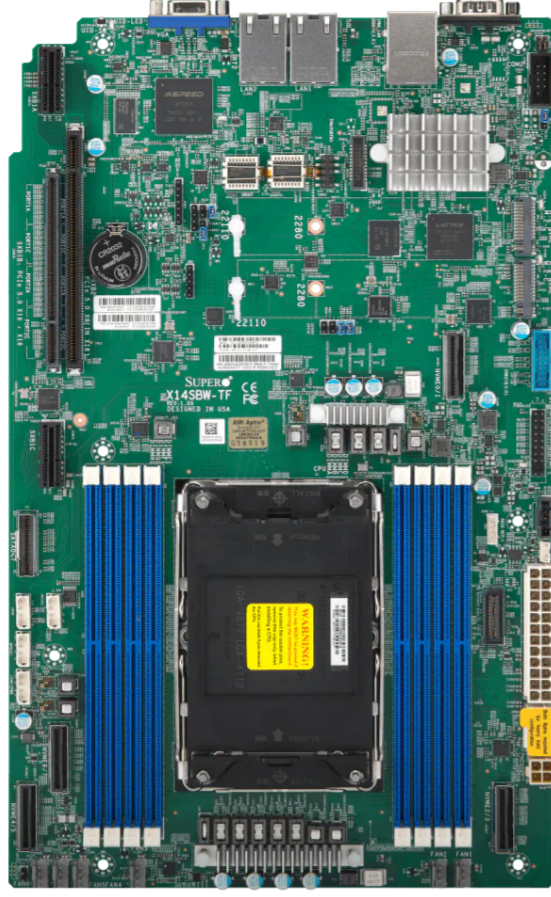


# X14SBW-TF New

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### 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 (WIO-R),  
2 PCIe 5.0 x16 (WIO-L),  
**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®X550
6. Onboard TPM2.0
7. 4 USB 3.2 Gen1(2 rear, 2 via header), 8 SATA3 (via SlimSAS x8)



### Optimized Servers

- [SYS-112B-FWT](#)
- [SYS-E403-14B-FRN2T](#)

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### Specifications

### Resources

### Parts List

Product SKUs	
<b>MBD-X14SBW-TF</b>	
Physical Stats	
<b>Form Factor</b>	Proprietary WIO
<b>Dimension</b>	8" x 13" (20.32cm x 33.02cm)
Processor	
<b>CPU</b>	<a href="#">Intel® Xeon® 6700-series processors with E-cores</a> Single Socket E2 (LGA-4710) supported, CPU TDP supports Up to 350W TDP
<b>Core</b>	Up to 144 (E) cores
System Memory	
<b>Memory Capacity</b>	8 DIMM slots Up to 1TB ECC Registered RDIMM, DDR5-6400MT/s
<b>Memory Type</b>	6400 MT/s ECC DDR5 RDIMM Up to 128GB of memory with speeds of up to 6400 MT/s(1DPC)
<b>DIMM Sizes</b>	32GB, 64GB, 96GB, 128GB
<b>Memory Voltage</b>	1.1V
<b>Error Detection</b>	Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
<b>Chipset</b>	System on Chip
<b>SATA</b>	ASMediaASM1164 controller for 8 SATA3 ports
<b>IPMI</b>	ASPEED AST2600 BMC
<b>Network Controllers</b>	Dual LAN with 10GBase-T with Intel® X550
Input / Output	
<b>SATA</b>	8 SATA3 port(s)
<b>LAN</b>	2 RJ45 10 Gigabit Ethernet LAN ports 1 RJ45 Dedicated IPMI LAN port
<b>USB</b>	4 USB 3.2 Gen1 port(s) (2 via header; 2 rear)
<b>Video Output</b>	1 VGA D-Sub Connector port(s)
<b>Serial Port</b>	2 COM Port(s) (1 header; 1 rear)
<b>TPM</b>	1 TPM Header 1 TPM TPM 2.0 onboard

Expansion Slots	
<b>PCIe</b>	1 PCIe 5.0 x8 Right Riser (in x16) slot, 1 PCIe 5.0 x32 Left Riser Slot, 4 PCIe 5.0 x8 PCIe5.0 MCIO connector
<b>M.2</b>	M.2 Interface: 2 PCIe 5.0 x2 Form Factor: 2280/22110 Key: M-Key
System BIOS	
<b>BIOS Type</b>	AMI 64MB AMI UEFI
<b>BIOS Features</b>	ACPI 6.5 SMBIOS 3.7 or later UEFI 2.9
Management	
<b>Software</b>	<a href="#">Redfish API</a> , <a href="#">Supermicro Server Manager (SSM)</a> , <a href="#">Supermicro Update Manager (SUM)</a> , <a href="#">Supermicro SuperDoctor® 5 (SD5)</a> , <a href="#">Super Diagnostics Offline (SDO)</a> , <a href="#">KVM with dedicated LAN</a> , <a href="#">IPMI 2.0</a>
PC Health Monitoring	
<b>Voltage</b>	VBAT, System level control, Supports system management utility, Monitors CPU voltages, Chassis intrusion header, 6 -fan status, +5V standby, +5V, +3.3V, +12V, Memory Voltages
<b>LED</b>	UID/Remote UID CPU / System Overheat LED
<b>Temperature</b>	Monitoring for CPU and chassis environment CPU thermal trip support Thermal Monitor 2 (TM2) support PECI
<b>FAN</b>	6x 4-pin fan headers (up to 6 fans) Fan speed control Overheat LED indication
<b>Other Features</b>	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

Global SKU English

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