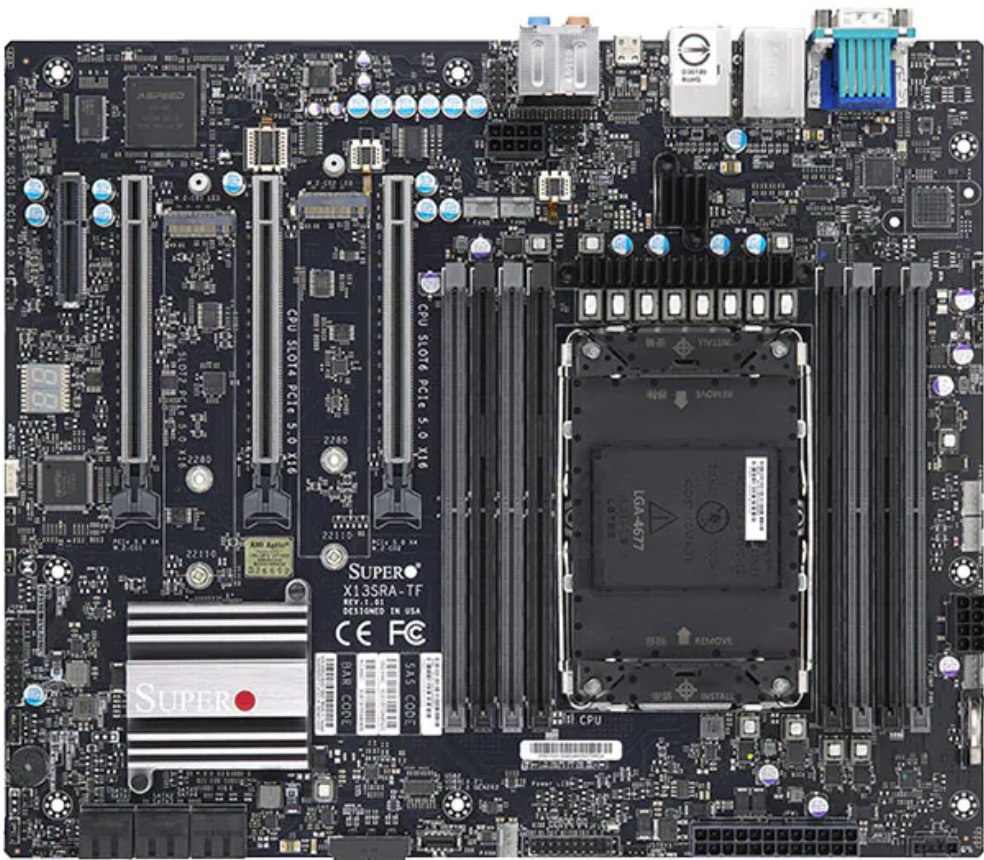




# X13SRA-TF

Print



Workstation

## Key Features

1. Intel® Xeon® W-3400 series, W-2400 series, W-3500 series, W-2500 series processors, Single Socket Socket E (LGA-4677) supported, Up to 60 CPU cores and a thermal design power (TDP) of up to 385W.
2. Intel® W790
3. Up to 2TB RDIMM 3DS, 512GB ECC RDIMM; DDR5-4800MT/s (1DPC)/4400MT/s (2DPC), in 8 DIMM slots
4. 3 PCIe 5.0 x16 Slots, support up to 3 Single Width/2 Double Width/2 Triple Width GPU cards
- 1 PCIe 4.0 x4 Slots
5. **M.2 Interface:** 2 PCIe 5.0 x4
- M.2 Form Factor:** 2280/22110
- M.2 Key:** M-Socket (w/o heat sink)
6. 1GbE LAN port with Intel® Ethernet Controller I210-AT
- 10GbE LAN with Marvell AQC113
7. 6 SATA 3 (6Gb, RAID 0, 1, 5, 10)
8. IPMI Supported
9. Overclocking Supported (optional)
- ...

## Optimized Servers

[SYS-531A-I](#)

Specifications		Resources	Parts List
Product SKUs		Expansion Slots	
MBD-X13SRA-TF		PCIe1 PCIe 4.0 x4, 3 PCIe 5.0 x16	
Physical Stats		M.2M.2 Interface: 2 PCIe 5.0 x4, RAID 0 & 1 Form Factor: 22110, 2280 Key: M-Key	
Form Factor	CEB	System BIOS	
Dimension	12" x 10" (30.48cm x 25.4cm)	BIOS Type32MB SPI Flash with AMI BIOS	
Processor		BIOS FeaturesACPI 6.0 Plug and Play (PnP) BIOS rescue hot keys Riser card auto-detection support SMBIOS 3.0 or later	
CPU	<a href="#">Intel®Xeon® W-3400, W-2400, W-3500 and W-2500 Series Processors</a> Single Socket E (LGA-4677) supported, CPU TDP supports Up to 385W TDP ** Support CPU overclocking (optional, processors model name with the X suffix)		
Core	Up to 60 cores	Management	
System Memory		Software <a href="#">SuperCloud Composer</a> , <a href="#">Supermicro Server Manager (SSM)</a> , <a href="#">Supermicro Power Manager (SPM)</a> , <a href="#">Supermicro Update Manager (SUM)</a> , <a href="#">Supermicro SuperDoctor® 5 (SD5)</a> , <a href="#">Super Diagnostics Offline (SDO)</a> , <a href="#">Supermicro Thin-Agent Service (TAS)</a> , <a href="#">SuperServer Automation Assistant (SAA) New!</a> , <a href="#">Plug-ins for 3rd Party Software</a> , <a href="#">IPMI Utilities</a>	
Memory Capacity	8 DIMM slots Up to 2TB 3DS ECC Registered RDIMM, DDR5-4800MT/s	Power ConfigurationsPower-on mode for AC power recovery, ACPI Power Management, Power button override mechanism	
Memory Type	4800/4400 MT/s ECC DDR5 RDIMM (3DS) Up to 2TB 3DS ECC RDIMM, 512GB ECC RDIMM; DDR5-4800MT/s(1DPC)/ 4400MT/s(2DPC), with Intel Xeon W-2400 series processor in 8 DIMM slots.	PC Health Monitoring	
DIMM Sizes	16GB, 32GB, 64GB, 128GB, 256GB RDIMM: 16GB, 32GB, 64GB, 128GB, 256GB	FAN5x 4-pin fan headers (up to 5 fans)	
Memory Voltage	1.1V	Operating Environment	
On-Board Devices		Operating Temperature Range0°C - 50°C (32°F - 122°F)	
Chipset	Intel® W790	Non-Operating Temperature Range-20°C - 60°C (-4°F - 140°F)	
SATA	Intel® W790 controller for 6 SATA3 (6 Gbps) ports; RAID 0, 1, 5, 10		
Audio	ALC 888S HD Audio		
Network Controllers	Single LAN with Intel® Ethernet Controller I210-AT, 1x 1GbE LAN Port with Intel i210AT, share with IPMI Single LAN with Marvell AQC113, 1x 10GbE RJ45 LAN port with AQC113C		
Input / Output			
USB	2 USB 2.0 port(s) (2 via header) 2 USB 3.2 Gen2x2 port(s) (1 rear type C; 1 via header) 4 USB 3.2 Gen2x1 port(s) (4 rear type A) 2 USB 3.2 Gen1x1 port(s) (2 via header)		
Video Output	1 VGA port(s) IPMI only		
Serial Port	1 COM Port(s) (1 rear)		

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