

Supermicro MBD-X10SRM-TF, Single SKT, Intel C612 Chipset, SATA, 2x10GbE, IPMI, M.2

Part number: MBD-X10SRM-TF-O



Form Factor	uATX
Dimensions	9.6" x 9.6"
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	1
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3 Intel Xeon E5-1600v4 Intel Xeon E5-1600v3
Chipset	Intel C612 Wellsburg
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
# of DIMM's	4
Max Memory Size	512 GB
Integrated GPU	Aspeed AST2400
# of PCIe x16 3.0	1
# of PCIe x8 3.0	2
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A 2 x USB 2.0 (rear) 4 x USB 2.0 (header)
# of SATA Ports	10
Storage Controllers	10 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,10
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x Base-T
Network Controllers	Intel x550 Dual Port 10 Gigabit Base-T
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header

Product SKUs	<input type="checkbox"/>	Chassis (Optimized for X10SRM-TF)
MBD-X10SRM-TF - X10SRM-TF (Bulk Pack) -B	<input type="checkbox"/>	-SC514-R400C -SC514-505 -SC515-R407 -SC515-505 -SC515-350 -SC113MFA02-605CB -SC113MFA02-8060CB -SC813MFT0C-R407CB -SC813MFT0C-350CB -SC825T0C-R7401PB -SC825M10C-R7001PB -SC731T-6901PB -SC824T0-6531PB -SC833T-653B
Physical Stats	<input type="checkbox"/>	
Form Factor	• Micro ATX	1U Chassis:
Dimensions	• 9.6" x 9.6", (24.4cm x 24.4cm)	
Processor	<input type="checkbox"/>	
CPU	- Intel® Xeon® processor E5-2600 v4 / v3, E5-1600 v4 / v3 family (up to 145W TDP **)	2U Chassis:
Core / Cache	- Single Socket R3 (LGA 2011)	3U Chassis:
Note	- Up to 22 Cores / Up to 55MB Cache	Mid/Mini Tower
Note	* BIOS version 2.0 or above is required	Chassis:
Note	** Motherboard supports this maximum TDP. Please verify your system can thermally support	Chassis Notes
System Memory	<input type="checkbox"/>	- To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
Memory Capacity	- 4x 288-pin DDR4 DIMM slots - Up to 512GB ECC 3DS LRDIMM - Up to 256GB ECC LRDIMM - Up to 128GB ECC RDIMM	Expansion Slots
Memory Type	- 2400 / 2133 / 1866 / 1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (RDIMM / LRDIMM) / 284-pin gold-plated DIMMs	PCI-Express
DIMM Sizes	- 3DS LRDIMM: 128GB - LRDIMM: 64GB, 32GB - RDIMM: 32GB, 16GB, 8GB, 4GB	System BIOS
Memory Voltage	- 1.2 V	BIOS Type
Error Detection	- Corrects single-bit errors - Detects double-bit errors (using ECC memory)	BIOS Features
On-Board Devices	<input type="checkbox"/>	Management
Chipset	- Intel C612 chipset	Software
SATA	- SATA3 (6Gbps) via C612 controller - RAID 0, 1, 10 support - Support for Intelligent Platform Management Interface v2.0	Power Configurations
IPMI	- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support - ASPEED AST2400 BMC	PC Health Monitoring
Network Controllers	- Dual LAN with Intel® X550 10GBase-T Ethernet Controller - Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output - ASPEED AST2400 BMC	Voltage
Graphics		FAN
Input / Output	<input type="checkbox"/>	Temperature
SATA	- 10x SATA3 (6Gbps) ports - 2x RJ45 10GBase-T Ethernet LAN ports	LED
LAN	- 1x RJ45 Dedicated IPMI LAN port	Other Features
USB	- 5x USB 3.0 ports (2 rear + 2 via header + 1 Type A) - 6x USB 2.0 ports (2 rear + 4 via header)	Operating Environment
Video	- 1x VGA port	Operating Temperature Range
Serial Port / Header	- 2x COM ports (1 rear, 1 header)	Non-Operating Temperature Range
SuperDOM	- 2x SuperDOM (Disk on Module) ports with built-in power	Operating Relative Humidity Range
TPM	- 1 TPM Header	Non-Operating Relative Humidity Range
OS Compatibility	<input type="checkbox"/>	
		• Please reference the OS Compatibility Chart for details

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<https://www.superstorage.pl/supermicro-mbd-x10srm-tf-single-skt-intel-c612-chipset-sata-2x10gbe-ipmi-m2-p-2001.html>