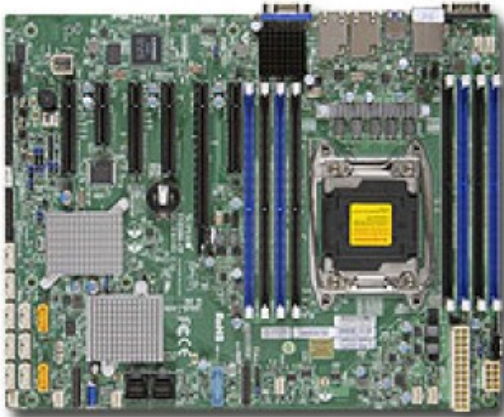


Supermicro MBD-X10SRH-CF, Single SKT, Intel C612 Chipset, SATA, LSI 3008 SAS3, 2xGbE, IPMI Bulk

Part number: MBD-X10SRH-CF-B



Form Factor	ATX
Dimensions	12" 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 E5-1600v3
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	8
Max Memory Size	1024 GB
Integrated GPU	Aspeed AST2400
# of PCIe x4 3.0	1
# of PCIe x8 3.0	3
# of PCIe x4 2.0	1
# of PCIe x2 2.0	1
# of USB Ports	2 x USB 3.0 (rear) 1 x USB 3.0 (header) 1 x USB 3.0 Type A 2 x USB 2.0 (rear) 6 x USB 2.0 (header)
# of SATA Ports	10
# of SATA DOM power	2
# of SAS Ports	8
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s LSI 3008 12Gb/s
Integrated RAID	0,1,5,10
Hardware RAID	0,1,10
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2400

Product SKUs	<input type="checkbox"/>	Chassis (Optimized for X10SRH-CF)	<input type="checkbox"/>
<input type="checkbox"/> MBD-X10SRH-CF -B		<input type="checkbox"/> X10SRH-CF (Bulk Pack)	
Physical Stats		1U Chassis:	- SC113MFA2-605CB - SC813MTQ-R400CB - SC113MFA2-R606CB - SC813MFTQ-R606CB - SC813MFTQ-441CB
Form Factor	• ATX	2U Chassis:	- SC825TO-563LPB - SC825TO-R720LPB - SC213LT-600LPB - SC826TO-R500LPB - SC823TO-653LPB
Dimensions	• 12" x 9.6", (30.5cm x 24.4cm)	3U Chassis:	- SC836TO-R500B - SC836BE1C-R1K03B - SC833T-653B
Processor		Mid/Mini Tower Chassis:	- SC732D4F-903B - SC732I-500B
<input type="checkbox"/> CPU	<ul style="list-style-type: none"> - Intel® Xeon® processor E5-2600 v4[†] / v3, E5-1600 v4[†] / v3 family (up to 145W TDP)** - Single Socket R3 (LGA 2011) 	4U / Tower Chassis:	- SC743T-665B - SC842I-500B - SC842TO-665B - SC842TO-865B
Core / Cache	<ul style="list-style-type: none"> - Up to 22 Cores[†] / Up to 55MB[†] Cache 	Note	<ul style="list-style-type: none"> [†] BIOS version 2.0 or above is required ** Motherboard supports this maximum TDP. Please verify your system can thermally support
Note		Note	<ul style="list-style-type: none"> ** E5-1600 series CPU does not support LRDIMM type memory
System Memory		Important Chassis Notes	<ul style="list-style-type: none"> - To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
<input type="checkbox"/> Memory Capacity	<ul style="list-style-type: none"> - 8x 288-pin DDR4 DIMM slots - Up to 1TB ECC 3DS LRDIMM - Up to 512GB ECC LRDIMM - Up to 256GB ECC RDIMM 	Expansion Slots	<input type="checkbox"/>
Memory Type	<ul style="list-style-type: none"> - 2400 / 2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (RDIMM /LRDIMM) / 284-pin gold-plated DIMMs 	PCI-Express	<ul style="list-style-type: none"> - 1x PCI-E 3.0 x4 (in x8) slot - 1x PCI-E 3.0 x8 (in x16) slot - 2x PCI-E 3.0 x8 slots - 1x PCI-E 2.0 x2 (in x4) slot - 1x PCI-E 2.0 x4 (in x8) slot
DIMM Sizes	<ul style="list-style-type: none"> - 3DS LRDIMM: 128GB - LRDIMM: 64GB, 32GB - RDIMM: 32GB, 16GB, 8GB, 4GB 	System BIOS	<input type="checkbox"/>
Memory Voltage	- 1.2 V	BIOS Type	<ul style="list-style-type: none"> - 128Mb SPI Flash EEPROM with AMI BIOS - Plug and Play (PnP) - APM 1.2 - DMI 2.3 - PCI 2.3
Error Detection	<ul style="list-style-type: none"> - Corrects single-bit errors - Detects double-bit errors (using ECC memory) 	BIOS Features	<ul style="list-style-type: none"> - ACPI 1.0 / 2.0 / 3.0 / 4.0 - USB Keyboard support - Hardware BIOS Virus protection - SMBIOS 2.7.1 - UEFI 2.3.1 - RTC (Real Time Clock) Wakeup
On-Board Devices		Management	<input type="checkbox"/>
<input type="checkbox"/> Chipset	<ul style="list-style-type: none"> - Intel C612 chipset 	Software	<ul style="list-style-type: none"> - IPMI 2.0 with KVM support - SuperDoctor® 5 - Watch Dog - ACPI Power Management - Keyboard Wakeup from Soft-Off
SAS	<ul style="list-style-type: none"> - SAS3 (12Gbps) via LSI 3008 - SW RAID 0, 1, 10 	Power Configurations	<ul style="list-style-type: none"> - CPU Fan auto-off in sleep mode - Power-on mode for AC power recovery
SATA	<ul style="list-style-type: none"> - SATA3 (6Gbps) via C612 controller - RAID 0, 1, 5, 10 support - Support for Intelligent Platform Management Interface v.2.0 	PC Health Monitoring	<input type="checkbox"/>
IPMI	<ul style="list-style-type: none"> - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support - ASPEED AST2400 BMC 	Voltage	<ul style="list-style-type: none"> - Monitors for CPU Cores, +3.3V, +5V, +12V, +5V Standby, VBAT, HT, Memory, Chipset Voltages. - Total of 6 fan headers supporting up to 6 fans - 6 fans with tachometer status monitoring
Network Controllers	<ul style="list-style-type: none"> - Intel® i350-AM2 Dual Port Gigabit Ethernet - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output 	FAN	<ul style="list-style-type: none"> - Status monitor for speed control - Status monitor for on/off control - Low noise fan speed control - Pulse Width Modulated (PWM) fan connectors - Monitoring for CPU and chassis environment
Graphics	<ul style="list-style-type: none"> - ASPEED AST2400 BMC 	Temperature	<ul style="list-style-type: none"> - CPU thermal trip support - °C temperature sensing logic - Thermal Monitor 2 (TM2) support - PECI - CPU / System Overheat LED - Suspend static indicator LED - UID/Remote UID - Chassis intrusion detection - Chassis intrusion header - Chipkill support - RoHS, Halogen Free
Input / Output		LED	
<input type="checkbox"/> SAS	- 8x SAS3 (12Gbps) ports	Other Features	
SATA	- 10x SATA3 (6Gbps) ports	Operating Environment	<input type="checkbox"/>
LAN	<ul style="list-style-type: none"> - 2x RJ45 Gigabit Ethernet LAN ports - 1x RJ45 Dedicated IPMI LAN port - 4x USB 3.0 ports (2 rear + 1 via header + 1 Type A) 	Operating Temperature Range	- 0°C ~ 60°C (32°F ~ 140°F)
USB	<ul style="list-style-type: none"> - 8x USB 2.0 ports (2 rear + 6 via header) 	Non-Operating Temperature Range	- 20°C ~ 60°C (-4°F ~ 140°F)
Video	- 1x VGA port	Operating Relative Humidity Range	- 10% ~ 85% (non-condensing)
Serial Port / Header	<ul style="list-style-type: none"> - 2x fast UART 16550 serial, 2 COM ports (1 rear, 1 header) 	Non-Operating Relative Humidity Range	
SuperDOM	<ul style="list-style-type: none"> - 2x SuperDOM (Disk on Module) ports with built-in power 		
TPM	- 1x TPM Header		
OS Compatibility			
<input type="checkbox"/>	<ul style="list-style-type: none"> • Please reference the OS Compatibility Chart for details 		

Visit us for more info:

<https://www.superstorage.pl/supermicro-mbd-x10srh-cf-single-skt-intel-c612-chipset-sata-lsi-3008-sas3-2xgbe-ipmi-bulk-p-2573.html>