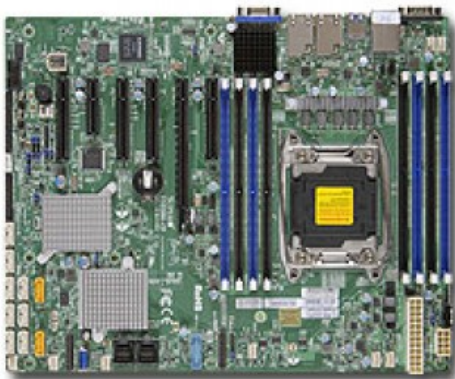


Supermicro MBD-X10SRH-CF, Single SKT, Intel C612 Chipset, SATA, LSI 3008 SAS3, 2xGbE, IPMI

Kod producenta: MBD-X10SRH-CF-O



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
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 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

Product SKUs		Chassis (Optimized for X10SRH-CF)	
MBD-X10SRH-CF -B			- SC113MFAC2-605CB - SC813MTO-R400CB - SC113MFAC2-R606CB - SC813MFTQ-R606CB - SC813MFTQ-441CB
Physical Stats		1U Chassis:	- SC825TQ-563LPB - SC825TQ-R720LPB
Form Factor • ATX		2U Chassis:	- SC213LT-600LPB - SC826TQ-R500LPB - SC823TQ-653LPB
Dimensions • 12" x 9.6", (30.5cm x 24.4cm)		3U Chassis:	- SC836TQ-R500B - SC836BE1C-R1K03B - SC833T-653B
Processor		Mid/Mini Tower Chassis:	- SC732D4F-903B - SC732I-500B
CPU	- Intel® Xeon® processor E5-2600 v4 [†] / v3, E5-1600 v4 [†] / v3 family (up to 145W TDP **)	4U / Tower Chassis:	- SC743T-665B - SC842I-500B - SC842TQ-665B - SC842TQ-865B
	- Single Socket R3 (LGA 2011)		- To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
Core / Cache	- Up to 22 Cores [†] / Up to 55MB [†] Cache	Important Chassis Notes	
Note	[†] BIOS version 2.0 or above is required		
Note	** Motherboard supports this maximum TDP. Please verify your system can thermally support		
	** E5-1600 series CPU does not support LRDIMM type memory		
System Memory		Expansion Slots	
Memory Capacity	- 8x 288-pin DDR4 DIMM slots - Up to 1TB ECC 3DS LRDIMM - Up to 512GB ECC LRDIMM - Up to 256GB ECC RDIMM - 2400 [†] / 2133/1866/1600MHz ECC	PCI-Express	- 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
Memory Type	DDR4 SDRAM 72-bit, 288-pin (RDIMM / LRDIMM) / 284-pin gold-plated DIMMs		
DIMM Sizes	- 3DS LRDIMM: 128GB - LRDIMM: 64GB, 32GB - RDIMM: 32GB, 16GB, 8GB, 4GB		
Memory Voltage	- 1.2 V		
Error Detection	- Corrects single-bit errors - Detects double-bit errors (using ECC memory)		
On-Board Devices			
Chipset	- Intel C612 chipset	BIOS Type	- 128Mb SPI Flash EEPROM with AMI BIOS
SAS	- SAS3 (12Gbps) via LSI 3008 - SW RAID 0, 1, 10	BIOS Features	- Plug and Play (PnP) - APM 1.2 - DMI 2.3 - PCI 2.3 - 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
SATA	- SATA3 (6Gbps) via C612 controller - RAID 0, 1, 5, 10 support - Support for Intelligent Platform Management Interface v.2.0	Management	
IPMI	- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support - ASPEED AST2400 BMC - Intel® i350-AM2 Dual Port Gigabit Ethernet	Software	- IPMI 2.0 with KVM support - SuperDoctor® 5 - Watch Dog - ACPI Power Management
Network Controllers	- Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output	Power Configurations	- Keyboard Wakeup from Soft-Off - CPU Fan auto-off in sleep mode - Power-on mode for AC power recovery
Graphics	- ASPEED AST2400 BMC		
Input / Output		PC Health Monitoring	
SAS	- 8x SAS3 (12Gbps) ports	Voltage	- 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
SATA	- 10x SATA3 (6Gbps) ports	FAN	- 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
LAN	- 2x RJ45 Gigabit Ethernet LAN ports - 1x RJ45 Dedicated IPMI LAN port	Temperature	- CPU thermal trip support - I°C temperature sensing logic - Thermal Monitor 2 (TM2) support - PECI
USB	- 4x USB 3.0 ports (2 rear + 1 via header + 1 Type A) - 8x USB 2.0 ports (2 rear + 6 via header)	LED	- CPU / System Overheat LED - Suspend static indicator LED - UID/Remote UID
Video	- 1x VGA port	Other Features	- Chassis intrusion detection - Chassis intrusion header - Chipkill support - RoHS, Halogen Free
Serial Port / Header	- 2x fast UART 16550 serial, 2 COM ports (1 rear, 1 header)		
SuperDOM	- 2x SuperDOM (Disk on Module) ports with built-in power		
TPM	- 1x TPM Header		
OS Compatibility			
• Please reference the OS Compatibility Chart for details			

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10srh-cf-single-skt-intel-c612-chipset-sata-lsi-3008-sas3-2xgbe-ipmi-p-1385.html>