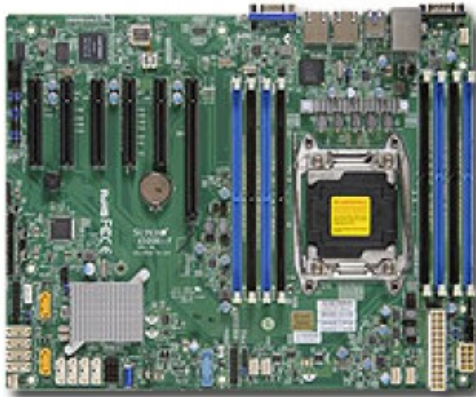


Supermicro MBD-X10SRi-F, Single SKT, Intel C612 Chipset, SATA, 2xGbE, IPMI

Kod producenta: MBD-X10SRi-F-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 x16 3.0	1
# of PCIe x4 3.0	1
# of PCIe x8 3.0	2
# 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
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s
Integrated RAID	0,1,5,10
# 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 x16 slot 1x PCI-E 3.0 x4 (in x8) slot 2x PCI-E 3.0 x8 slots 1x PCI-E 2.0 x4 (in x8) slot 1x PCI-E 2.0 x2 (in x8) slot

Product SKUs		<input type="checkbox"/>	
<input type="checkbox"/>	MBD-X10SRi-F • X10SRi-F (Bulk Pack)	<input type="checkbox"/>	Chassis (Optimized for X10SRi-F)
Physical Stats		<input type="checkbox"/>	
<input type="checkbox"/>	Form Factor • ATX		
Dimensions	• 12" x 9.6", (30.5cm x 24.4cm)		
Processor			
<input type="checkbox"/>			
CPU	- Intel® Xeon® processor E5-2600 v4/ v3, E5-1600 v4/ v3 family (up to 145W TDP **)		1U Chassis: - SC813MFTQ-441CB - SC813MFTQ-R400CB - SC813MFTQ-R606CB
Core / Cache	- Single Socket R3 (LGA 2011)		2U Chassis: - SC213LT-600LPB - SC823TQ-653LPB - SC826TQ-R500LPB - SC825TQ-563LPB
Cache	- Up to 22 Cores ¹ / Up to 55MB ¹		3U Chassis: - SC833T-653B - SC836TQ-R500B
Note	¹ BIOS version 2.0 or above is required		Mid/Mini Tower Chassis: - SC732i-500B
Note	** Motherboard supports this maximum TDP. Please verify your system can thermally support		4U / Tower Chassis: - SC743T-665B - SC842TQ-865B - SC84TQ-665B - SC842i-500B
Note	** E5-1600 series CPU does not support LRDIMM type memory		Important Chassis Notes Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
System Memory		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	SuperServer(s) with X10SRi-F
Memory Capacity	- 8x 288-pin DDR4 DIMM slots - Up to 1TB ECC 3DS LRDIMM - Up to 512GB ECC LRDIMM - Up to 256GB ECC RDIMM		Model(s) - SYS-5018R-MR - SYS-5018R-M
Memory Type	- 2400 ¹ / 2133/1866/1600MHz ECC		Expansion Slots
DIMM Sizes	DDR4 SDRAM 72-bit, 288-pin (RDIMM / LRDIMM) / 284-pin gold-plated DIMMs		<input type="checkbox"/>
Memory Voltage	- 3DS LRDIMM: 128GB - LRDIMM: 64GB, 32GB - RDIMM: 32GB, 16GB, 8GB, 4GB		PCI-Express - 1x PCI-E 3.0 x16 slot - 1x PCI-E 3.0 x4 (in x8) slot - 2x PCI-E 3.0 x8 slots - 1x PCI-E 2.0 x4 (in x8) slot - 1x PCI-E 2.0 x2 (in x8) slot
Error Detection	- 1.2 V - Corrects single-bit errors - Detects double-bit errors (using ECC memory)		System BIOS
On-Board Devices			<input type="checkbox"/>
<input type="checkbox"/>	Chipset - Intel C612 chipset		BIOS Type - 128Mb SPI Flash EEPROM with AMI BIOS
SATA controller	- SATA3 (6Gbps) via C612 controller - RAID 0, 1, 5, 10 support - Support for Intelligent Platform Management Interface v.2.0		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
IPMI	- IPMI 2.0 with virtual media over LAN and KVM-over-LAN support - ASPEED AST2400 BMC		Management <input type="checkbox"/>
Network Controllers	- Intel® i350-AM2 Dual Port Gigabit Ethernet - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output - 1x Realtek RTL8201N PHY (dedicated IPMI)		Software - Intel® Node Manager - IPMI 2.0 with KVM support - SuperDoctor® 5 - Watch Dog - NMI - SPM - SUM
Graphics	- ASPEED AST2400 BMC		Power Configurations - ACPI Power Management - Keyboard Wakeup from Soft-Off - CPU Fan auto-off in sleep mode - Power-on mode for AC power recovery
Input / Output			PC Health Monitoring <input type="checkbox"/>
<input type="checkbox"/>	SATA - 10x SATA3 (6Gbps) 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
LAN ports	- 2x RJ45 Gigabit Ethernet LAN 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
USB	- 1x RJ45 Dedicated IPMI LAN port - 4x USB 3.0 ports (2 rear + 1 via header + 1 Type A) - 8x USB 2.0 ports (2 rear + 6 via header)		Temperature - CPU thermal trip support - I°C temperature sensing logic - Thermal Monitor 2 (TM2) support - PECI - CPU / System Overheat LED - Suspend static indicator LED - UID/Remote UID
Video	- 1x VGA port		LED - Chassis intrusion detection - Chassis intrusion header - Chipkill support - RoHS, Halogen Free
Serial Port / Header	- 1x serial port, 1x header		Other Features
SuperDOM	- 2x SuperDOM (Disk on Module) ports with built-in power		<input type="checkbox"/>
TPM	- 1x TPM Header		Operating Environment <input type="checkbox"/>
OS Compatibility			<input type="checkbox"/>
<input type="checkbox"/>	• Please reference the OS Compatibility Chart for details		Operating Temperature Range - 0°C ~ 60°C (32°F ~ 140°F) Non-Operating Temperature Range - -20°C ~ 60°C (-4°F ~ 140°F) Operating Relative Humidity Range - 10% ~ 85% (non-condensing) Non-Operating Relative Humidity Range

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10sri-single-skt-intel-c612-chipset-sata-2xgbe-ipmi-p-1386.html>