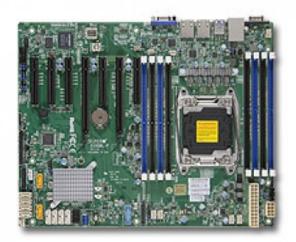
Supermicro MBD-X10SRL-F, Single SKT, Intel C612 Chipset, SATA, 2xGbE, IPMI Bulk

Kod producenta: MBD-X10SRL-F-B



Category	Embedded		
Form Factor	ATX		
Dimensions	12" x 9.6"		
CPU Socket	LGA 2011 (Socket R3)		
# of CPU sockets	1		
Supported CPU's	Intel Xeon E5-2600v3 Intel Xeon E5-1600v3		
Chipset	Intel C612 Wellsburg		
Memory Type	DDR4 ECC LRDIMM DDR4 ECC RDIMM		
Memory Speed	2133 MHz 1866 MHz 1600 MHz 1333 MHz		
# of DIMM's	8		
Max Memory Size	512 GB		
Integrated GPU	Aspeed AST2400		
# of PCIe x4 3.0	2		
# of PCIe x8 3.0	4		
# of PCIe x4 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 i210-AT Dual Port Gigabit Ethernet		
Integrated BMC	IPMI Dedicated RJ45		
BMC chip	Aspeed AST2400		
TPM	1 x TPM 1.2 20-pin Header		
Uwagi	PCI-Express Slots Configuration: 2x PCI-E 3.0 x8 (in x16) slots 2x PCI-E 3.0 x8 slots 2x PCI-E 3.0 x4 (in x8) slots Auto-switch to 1 x8 and 1 x0		
10 maj 2024 Str	1x PCI-E 2.0 x4 (in x8) slot ona: 1 / 3		

MBD-X10SRL-F -B • X10SRL-F (Bulk Pack)		1U Chassis:	- <u>SC813MFTQ-R606CB</u> - <u>SC813MFTQ-R400CB</u>
Physical Stat	s		- <u>SC813MFTQ-441CB</u> - <u>SC826TQ-R500LPB</u>
Form Factor Dimensions	• ATX • 12" x 9.6", (30.5cm x 24.4cm)	2U Chassis:	- <u>SC213LT-600LPB</u> - <u>SC825TQ-563LPB</u> - <u>SC825TQ-R720LPB</u>
Processor	- Intel® Xeon® processor E5-2600	3U Chassis:	- <u>SC823TQ-653LPB</u> - <u>SC833T-653B</u> - <u>SC836TQ-R500B</u>
CPU	v4 [†] / v3, E5-1600 v4 [†] / v3 family (up to 145W TDP **) - Single Socket R3 (LGA 2011)	Mid/Mini Tower	- <u>SC836BE1C-R1K03B</u> - <u>SC732i-500B</u>
Core / Cache	- Up to 22 Cores [†] / Up to 55MB [†] Cache	Chassis:	- <u>SC732D4F-903B</u>
lote	[†] BIOS version 2.0 or above is required ** Motherboard supports this maximum TDP. Please verify your	4U / Tower Chassis:	- <u>SC743T-665B</u> - <u>SC842i-500B</u> - <u>SC842TQ-665B</u> - <u>SC842TQ-865B</u>
lote	system can thermally support ** E5-1600 series CPU does not	Important Chassis	- To support the new generation Intel [®] Xeon [®] processor-based motherboards, Revision to chassis i
watam Mam	support LRDIMM type memory	Notes	recommended. Please talk to your sales representative for details.
ystem Mem	- 8x 288-pin DDR4 DIMM slots		
femory apacity	- Up to 1TB ECC 3DS LRDIMM - Up to 512GB ECC LRDIMM - Up to 256GB ECC RDIMM	Expansion Slo	- 2x PCI-E 3.0 x8 (in x16) slots
Memory Type	- 2400'/ 2133/1866/1600MHz ECC DR4 SDRAM 72-bit, 288-pin (RDIMM / LRDIMM) / 284-pin gold-plated DIMMs - 3DS LRDIMM: 128GB	PCI-Express	- 2x PCI-E 3.0 x8 slots - 2x PCI-E 3.0 x4 (in x8) slots Auto-switch to 1 x8 and 1 x0 - 1x PCI-E 2.0 x4 (in x8) slot
DIMM Sizes	- LRDIMM: 64GB, 32GB - RDIMM: 32GB, 16GB, 8GB, 4GB	System BIOS	
Memory Voltage	- 1.2 V	BIOS Type	- 128Mb SPI Flash EEPROM with AMI BIOS - Plug and Play (PnP)
Error Detection	- Corrects single-bit errors - Detects double-bit errors (using ECC memory)		- APM 1.2 - DMI 2.3
		BIOS	- PCI 2.3 - ACPI 1.0 / 2.0 / 3.0 / 4.0
On-Board De Chipset	- Intel C612 chipset	Features	 USB Keyboard support Hardware BIOS Virus protection
SATA	- SATA3 (6Gbps) via C612 controller		- SMBIOS 2.7.1 - UEFI 2.3.1 - RTC (Real Time Clock) Wakeup
	 RAID 0, 1, 5, 10 support Support for Intelligent Platform 		
PMI	Management Interface v.2.0 - IPMI 2.0 with virtual media over	Management	- Intel® Node Manager
	LAN and KVM-over-LAN support - ASPEED AST2400 BMC		 IPMI 2.0 with KVM support <u>SuperDoctor® 5</u>
Vetwork	- Intel® i210 Dual Port Gigabit Ethernet	Software	- Watch Dog - NMI
Controllers	- Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output		- <u>SPM</u> - <u>SUM</u>
Graphics	- ASPEED AST2400 BMC	Power	- ACPI Power Management - Keyboard Wakeup from Soft-Of
nput / Outpu		Configuration	- Power-on mode for AC power
ATA	- 10x SATA3 (6Gbps) ports - 2x RJ45 Gigabit Ethernet LAN		recovery
AN	ports - 1x RJ45 Dedicated IPMI LAN port	PC Health Mo	
JSB	- 4x USB 3.0 ports (2 rear + 1 via header + 1 Type A)	Voltage	 Monitors for CPU Cores, +3.3V, +5V, +12V, +5V Standby, VBAT, HT Memory, Chipset Voltages
עני	- 8x USB 2.0 ports (2 rear + 6 via header)		Memory, Chipset Voltages. - Total of 6 fan headers supporting
'ideo erial Port /	- 1x VGA port		up to 6 fans - 6 fans with tachometer status
Header	- 1x serial port, 1x header	FAN	monitoring - Status monitor for speed control
SuperDOM	- 2x <u>SuperDOM</u> (Disk on Module) ports with built-in power		- Status monitor for on/off control - Low noise fan speed control
TPM	- 1x TPM Header		- Pulse Width Modulated (PWM) fan connectors
OS Compatib	ility		- Monitoring for CPU and chassis environment
Please refe letails	rence the OS Compatibility Chart for	Temperature	 CPU thermal trip support I²C temperature sensing logic Thermal Monitor 2 (TM2) suppor PECI
		LED	- CPU / System Overheat LED - Suspend static indicator LED - UID/Remote UID
		Other	- Chassis intrusion detection - Chassis intrusion header
		Features	- Chipkill support - RoHS, Halogen Free
		Operating En	vironment
		Operating Temperature Bange	- 0°C ~ 60°C (32°F ~ 140°F)
		Range Non-Operatin Temperature Range	g 20°C ~ 60°C (-4°F ~ 140°F)
		Operating Relative Humidity	- 10% ~ 85% (non-condensing)
		Range	
		Non-Operatin Relative	g

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Strona firmowa produktu: https://www.superstorage.pl/supermicro-mbd-x10srl-single-skt-intel-c612-chipset-sata-2xgbe-ipmi-bulk-p -2576.html