

Supermicro MBD-X10SLL-SF, Single SKT, Intel C222 Chipset, SATA, 2xGbE, IPMI Bulk

Kod producenta: MBD-X10SLL-SF-B



Form Factor	uATX
Dimensions	9.6" x 9.6"
CPU Socket	LGA 1150 (Socket H3)
# of CPU sockets	1
Supported CPU's	Intel Xeon E3-1200v3 Intel Xeon E3-1200v4
Chipset	Intel C222 Lynx Point
Memory Type	DDR3 ECC UDIMM
Memory Speed	1600 MHz 1333 MHz
# of DIMM's	2
Max Memory Size	16 GB
Integrated GPU	Aspeed AST2400
# of PCIe x8 3.0	2
# of USB Ports	2 x USB 2.0 (rear) 2 x USB 2.0 (header)
# of SATA Ports	4
# of SATA DOM power	1
Storage Controllers	2 x AHCI iSATA 6Gb/s 2 x AHCI iSATA 3Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i217 Gigabit Ethernet Intel i210 Gigabit Ethernet
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x8 (in x16) slot 1x PCI-E 3.0 x8 slot

Product SKUs		Chassis (Optimized for X10SLL-SF)	
MBD-X10SLL-SF • X10SLL-SF (Bulk Pack)		2U Chassis:	• SC213LT-563LPB • SC823TO-653LPB • SC213LT-600LPB
Physical Stats		3U Chassis:	• SC833T-653B • SC732D2-500B • SC732D4-903B • SC732D4-865B • SC732D4-500B • SC731i-300B • SC732i-500B • SC732i-865B • SC732D2-903B • SC732D2-865B • SC733TO-665B • SC733TO-500B • SC745TO-920B • SC745TO-R920B • SC743TO-865B-SQ
Form Factor • microATX		4U / Tower Chassis:	• SC842i-500B • SC842TO-665B • SC842TO-865B
Dimensions • 9.6" x 9.6", (24.4cm x 24.4 cm)			
Processor/Cache		Important Chassis Notes	
CPU	• Intel® Xeon® processor E3-1200 v3/v4 and 4th Gen Core i3, Pentium, Celeron processors • Single Socket H3 (LGA 1150)		
System Memory		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	• 2x 240-pin DDR3 DIMM sockets • Supports up to 16 GB DDR3 ECC Un-Buffered memory (UDIMM)		
Memory Type	• 1600MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	Important Chassis Notes	
DIMM Sizes	• 8GB, 4GB, 2GB, 1GB		
Memory Voltage	• 1.5V, 1.35V	Important Chassis Notes	
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)		
On-Board Devices		Expansion Slots	
Chipset	• Intel® C222 Express PCH	PCI-Express	• 1x PCI-E 3.0 x8 (in x16) slot • 1x PCI-E 3.0 x8 slot
SATA	• SATA3 (6Gbps) w/ RAID 0, 1 • SATA2 (3Gbps) w/ RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v.2.0		
IPMI	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • Aspeed AST2400 with 10/100/1000Mbps MAC	System BIOS	
Network Controllers	• Intel® i217LM + Intel® i210AT Controllers • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output	BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS
VGA	• BMC integrated Aspeed AST2400	BIOS Features	• DMI (SMBIOS) 2.7 • ACPI 5.0 • USB Keyboard support
Input / Output		Management	
Serial ATA	• 2x SATA3 (6Gbps) ports • 2x SATA2 (3Gbps) ports	Software	• IPMI (Intelligent Platform Management Interface) v2.0 with KVM support • SuperDoctor® III • Watch Dog • NMI
LAN	• 2x Gigabit Ethernet LAN ports		
USB	• 4x USB 2.0 ports (2 rear, 2 via header)	Power Configurations	• ACPI / ACPM Power Management • Main Switch Override Mechanism • Power-on mode for AC power recovery • Internal/External modem ring-on
VGA	• 1x VGA D-Sub Connector		
DOM	• SATA DOM (Disk on Module) power connector support	PC Health Monitoring	
TPM	• 1x TPM Header	Voltage	• Monitors for CPU Cores, +1.8V, +12V, +3.3V, +5V, +5V Standby, VBAT, HT, Memory, Chipset Voltages. • 5-Phase-switching voltage regulator with auto-sense from 0.8375V-1.60V • Total of three 4-pin fan headers supporting up to 3 fans • 3x fans with tachometer status monitoring
		FAN	• Status monitor for speed control • Status monitor for on/off control • Support 3-pin fans (w/o speed control) • Low noise fan speed control • Pulse Width Modulated (PWM) fan connectors • Monitoring for CPU and chassis environment
		Temperature	• CPU thermal trip support • FC temperature sensing logic • Thermal Monitor 2 (TM2) support • PECI
		LED	• CPU / System Overheat LED • +5V Standby alert LED
		Other Features	• Chassis intrusion detection • Chassis intrusion header
		Operating Environment	
		Operating Temperature Range	• 0°C ~ 50°C (32°F ~ 122°F)
		Non-Operating Temperature Range	• -40°C ~ 70°C (-40°F ~ 158°F)
		Operating Relative Humidity Range	• 8% ~ 90% (non-condensing)
		Non-Operating Relative Humidity Range	

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10sl-sf-single-skt-intel-c222-chipset-sata-2xgbe-ipmi-bulk-p-2563.html>