

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

Kod producenta: MBD-X10SLL-F-O



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	4
Max Memory Size	32 GB
Integrated GPU	Aspeed AST2400
# of PCIe x8 3.0	2
# of PCIe x4 2.0	1
# of USB Ports	1 x USB 3.0 (rear) 1 x USB 3.0 Type A 4 x USB 2.0 (rear) 2 x USB 2.0 (header)
# of SATA Ports	6
# of SATA DOM power	1
Storage Controllers	2 x AHCI iSATA 6Gb/s 4 x AHCI iSATA 3Gb/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 i217 Gigabit Ethernet Intel i210 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 x8 (in x16) slot 1x PCI-E 3.0 x8 slot 1x PCI-E 2.0 x4 (in x8) slot

Product SKUs	Chassis (Optimized for X10SLL-F)		
MBD-X10SLL-F • X10SLL-F (Bulk Pack)	SC113MTQ-R400CB SC113MTQ-330CB SC811TQ-441B SC512F-350B SC512F-441B SC813MTQ-R400CB SC813MTQ-350CB SC813MTQ-441CB SC213LT-563LPB SC213LT-600LPB SC825MTQ-R700LPB SC823TQ-653LPB		
Physical Stats			
Form Factor • microATX	1U Chassis:		
Dimensions • 9.6" x 9.6", (24.4cm x 24.4 cm)			
Processor/Cache			
CPU	• Intel® Xeon® processor E3-1200 v3/v4 and 4th Gen Core i3, Pentium, Celeron processors • Single Socket H3 (LGA 1150)	2U Chassis:	
		3U Chassis:	
System Memory			
Memory Capacity	• 4x 240-pin DDR3 DIMM sockets • Supports up to 32 GB DDR3 ECC Un-Buffered memory (UDIMM)	Mid/Mini Tower Chassis:	
Memory Type	• 1600MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs		
DIMM Sizes	• 8GB, 4GB, 2GB, 1GB		
Memory Voltage	• 1.5V, 1.35V		
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)		
On-Board Devices			
Chipset	• Intel® C222 Express PCH		
SATA	• SATA3 (6Gbps) w/ RAID 0, 1 • SATA2 (3Gbps) w/ RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v.2.0	Important Chassis Notes	• To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
IPMI	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • Aspeed AST2400 with 10/100/1000M bps MAC • Intel® i217LM + Intel® i210AT Controllers		
Network Controllers	• Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI)		
VGA	• BMC integrated Aspeed AST2400		
Input / Output			
Serial ATA	• 2x SATA3 (6Gbps) ports • 4x SATA2 (3Gbps) ports		
LAN	• 2x Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port		
USB	• 2x USB 3.0 ports (1 Type-A, 1 via header) • 6x USB 2.0 ports (4 rear, 2 via header)		
VGA	• 1x VGA D-Sub Connector		
Serial Port / Header	• 2x COM ports (1 rear, 1 header)		
DOM	• SATA DOM (Disk on Module) power connector support		
TPM	• 1x TPM Header		
		SuperServer(s) with X10SLL-F	
		Model(s)	SYS-5018D-MF SYS-5038D-I
		Expansion Slots	
		PCI-Express	1x PCI-E 3.0 x8 (in x16) slot 1x PCI-E 3.0 x8 slot 1x PCI-E 2.0 x4 (in x8) slot
		System BIOS	
		BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS
		BIOS Features	- DMI (SMBIOS) 2.7 - ACPI 5.0 - USB Keyboard support
		Management	
		Software	- IPMI (Intelligent Platform Management Interface) v2.0 with KVM support SuperDoctor® III - Watch Dog - NMI - ACPI / ACPM Power Management - Main Switch Override Mechanism
		Power Configurations	- Power-on mode for AC power recovery - Internal/External modem ring-on
		PC Health Monitoring	
		Voltage	- Monitors for CPU Cores, +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 five 4-pin fan headers supporting up to 5 fans 5x 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-x10ssl-single-skt-intel-c222-chipset-sata-2xgbe-ipmi-p-1367.html>