

Supermicro MBD-X10SLM-F, Single SKT, Intel C224 Chipset, SATA, 2xGbE, IPMI

Kod producenta: MBD-X10SLM-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 C224 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	3 x USB 3.0 (header) 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	4 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 (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 X10SLM-F)	
MBD-X10SLM-F • X10SLM-F (Bulk Pack)	• SC13MTQ-R400CB • SC813MTQ-350CB • SC811TQ-441B • SC512E-350B • SC512E-441B • SC814MTQ-R400CB • SC813MTQ-350CB • SC813MTQ-441CB • SC213T-560LFB • SC213T-600LFB • SC825MTQ-R700LFB • SC821TQ-663LFB	
Physical Stats	1U Chassis:	
Form Factor • microATX		
Dimensions • 9.6" x 9.6", (24.4cm x 24.4 cm)		
Processor/Cache	2U Chassis:	
CPU • Intel® Xeon® processor E3-1200 v3/v4 and 4th Gen Core i3, Pentium, Celeron processors • Single Socket H3 (LGA 1150)		
	3U Chassis:	
System Memory	Mid/Mini Tower Chassis:	
Memory Capacity • 4x 240-pin DDR3 DIMM sockets • Supports up to 32 GB DDR3 ECC Un-Buffered memory (UDIMM)		
Memory Type • 1600MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	4U / Tower Chassis:	
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	Important Chassis Notes	
Chipset • Intel® C224 Express PCH		
SATA • SATA3 (6Gbps) w/ RAID 0, 1, 10, 5 • SATA2 (3Gbps) w/ RAID 0, 1 • Support for Intelligent Platform Management Interface v2.0	SuperServer(s) with X10SLM-F	
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 iGBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI)	Model(s)	• SYS-501BD-MTF • SYS-501BD-MTRF
VGA • BMC Integrated Aspeed AST2400	Expansion Slots	
Input / Output	PCI-Express	• 1x PCIe 3.0 x8 (in x16) slot • 1x PCIe 3.0 x8 slot • 1x PCIe 2.0 x4 (in x8) slot
Serial ATA • 4x SATA3 (6Gbps) ports • 2x SATA2 (3Gbps) ports		
LAN • 2x Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port	System BIOS	
USB • 4x USB 3.0 ports (1 Type-A, 2+1 via header) • 6x USB 2.0 ports (4 rear, 2 via header)	BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS
VGA • 1x VGA D-Sub Connector	BIOS	• DMI (SMBIOS) 2.7
Serial Port / Header • 2x COM ports (1 rear, 1 header)	Features	• ACPI 5.0 • USB Keyboard support
DOM • SATA DOM (Disk on Module) power connector support	Management	
TPM • 1x TPM Header	Software	• IPMI (Intelligent Platform Management Interface) v2.0 with KVM support • SuperDoctor® III • Watch Dog • NMI
	Power Configurations	• ACPI / ACPM Power Management • Main Switch Override Mechanism • 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 • PC temperature sensing logic • Thermal Monitor 2 (TM2) support • PECI	
LED	• CPU / System Overheat LED • +5V Standby alert LED	
Other	• Chassis intrusion detection	
Features	• 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-x10slm-single-skt-intel-c224-chipset-sata-2xgbe-ipmi-p-1370.html>