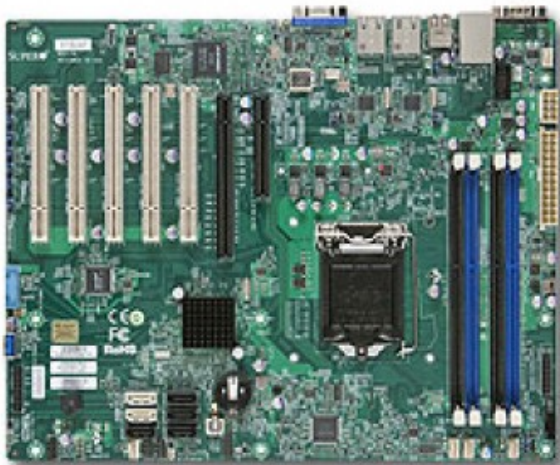


Supermicro MBD-X10SLA-F, Single SKT, Intel C222 Chipset, SATA, 2xGbE, IPMI

Kod producenta: MBD-X10SLA-F-O



Category	Workstation
Form Factor	ATX
Dimensions	12" 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 x16 3.0	1
# of PCIe x4 2.0	1
# of USB Ports	1 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	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 i210 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: 1x PCI-E 3.0 x16 slot 1x PCI-E 2.0 x4 (in x8) slot

Product SKUs		Chassis (Optimized for X10SLA-F)	
MBD-X10SLA-F • X10SLA-F (Bulk Pack)		• SC213LT-600L PB • SC825MTQ-R700L PB • SC823TO-653L PB • SC213LT-563L PB	
Physical Stats		2U Chassis:	• SC213LT-563L PB • SC638B81C-R1K03B
Form Factor • ATX		3U Chassis:	• SC732D2-865B • SC732D2-903B • SC732D2-865B • SC732D2-500B • SC732D4-903B • SC732D4-865B • SC732D4-500B • SC733TO-665B • SC733TO-500B • SC732i-500B • SC745TO-920B • SC745TO-R920B • SC743TO-865B-SQ
Dimensions • 12" x 9.6", (30.5cm x 24.4 cm)		4U / Tower Chassis:	• SC842i-500B • SC842TO-665B • SC842TO-865B
Processor/Cache		Mid/Mini Tower Chassis:	• To support the new generation
CPU	• Intel® Xeon® processor E3-1200 v3/v4 and 4th Gen Core i3, Pentium, Celeron processors • Single Socket H3 (LGA 1150)		
System Memory			
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		
DIMM Sizes	8GB, 4GB, 2GB, 1GB		
Memory Voltage	1.5 V		
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, 10, 5 • 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 BMC • Intel® i210AT Controller • Virtual Machine Device Queues		
Network Controllers	• High efficient I/O overhead • 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 • 2x USB 3.0 ports (1 Type-A, 1 via header)		
USB	• 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		
		Expansion Slots	
		PCI-Express	• 1x PCI-E 3.0 x16 slot • 1x PCI-E 2.0 x4 (in x8) slot
		PCI	• 5x PCI-32 slots
		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) v1.5 / 2.0 with KVM support • SuperDoctor® III • Watch Dog • NMI • ACPI / APM Power Management • Main Switch Override Mechanism
		Power Configurations	• Power-on mode for AC power recovery
		PC Health Monitoring	
		Voltage	• Monitors for CPU Cores, +12V, +3.3V, +5V Standby, VBAT, Memory, Chipset Voltages. • 3-Phase-switching voltage regulator with auto-sense from 1.5V-1.86V
		FAN	• Total of five 4-pin fan headers supporting up to 5 fans • 5x fans with tachometer status monitoring • 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-x10sla-single-skt-intel-c222-chipset-sata-2xgbe-ipmi-p-1364.html>