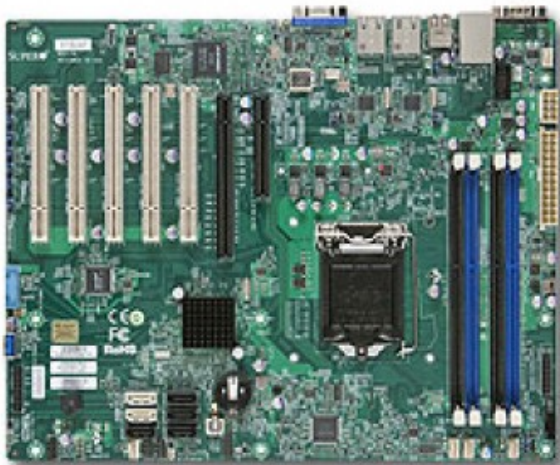


Supermicro MBD-X10SLA-F, Single SKT, Intel C222 Chipset, SATA, 2xGbE, IPMI Bulk

Kod producenta: MBD-X10SLA-F-B



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)		• SC231T1-600L-PB • SC231TQ-K700L-PB • SC231TD-653L-PB • SC231T1-563L-PB	
Physical Stats		2U Chassis:	
Form Factor • ATX		3U Chassis:	
Dimensions • 12" x 9.6", (30.5cm x 24.4 cm)		• SC836BF1C-R1K03B • SC731-865B • SC731D2-903B • SC731D2-865B • SC731D2-500B • SC731D2-903B • SC731D4-865B • SC731D4-500B • SC731TQ-665B • SC731TQ-500B • SC745TQ-920B • SC745TQ-R920B • SC841-500B • SC841TQ-665B • SC841TQ-865B	
Processor/Cache		Mid/Mini Tower Chassis:	
CPU	• Intel® Xeon® processor E3-1200 v3/v4 and 4th Gen Core i3, Pentium, Celeron processors • Single Socket H3 (LGA 1150)	• To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.	
System Memory		4U / Tower Chassis:	
Memory Capacity	• 4x 240-pin DDR3 DIMM sockets • Supports up to 32 GB DDR3 ECC Un-Buffered memory (UDIMM)	• To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.	
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)	Important Chassis Notes	
On-Board Devices			
Chipset	• Intel® C222 Express PCH	Expansion Slots	
SATA	• SATA3 (6Gbps) w/ RAID 0, 1 • SATA3 (3Gbps) w/ RAID 0, 1, 10, 5 • Support for Intelligent Platform Management Interface v.2.0	PCI-Express • 1x PCI-E 3.0 x16 slot • 1x PCI-E 2.0 x4 (in x8) slot	
IPMI	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • Aspeed AST2400 BMC	PCI • 5x PCI-32 slots	
Network Controllers	• Intel® i210AT Controller • Virtual Machine Device Queues • High efficient I/O overhead • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T. RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI)	System BIOS • 128MB SPI Flash EEPROM with AMI BIOS • DMI (SMBIOS) 2.7 • ACPI 5.0 • USB Keyboard support	
VGA	• BMC integrated Aspeed AST2400	Management • IPMI (Intelligent Platform Management Interface) v1.5 / 2.0 with KVM support • SuperDodge@_III • Watch Dog • NCPI • ACPI / APM Power Management • Main Switch Override Mechanism • Power-on mode for AC power recovery	
Input / Output		PC Health Monitoring	
Serial ATA	• 2x SATA3 (6Gbps) ports • 4x SATA2 (3Gbps) ports	• 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 • 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 • CPU thermal trip support • FC temperature sensing logic • Thermal Monitor 2 (TM2) support • PECCI	
LAN	• 2x Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port • 2x USB 3.0 ports (1 Type-A, 1 via header) • 6x USB 2.0 ports (4 rear, 2 via header)	Voltage	
USB	• 1x VGA D-Sub Connector • 2x COM ports (1 rear, 1 header)	FAN	
VGA	• SATA DOM (Disk on Module) power connector support • 1x TPM Header	LED	
Serial Port / Header		Other Features	
DOM		Operating Environment	
TPM		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-bulk-p-2558.html>