

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

Part number: 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 i210 Dual Port 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

Product SKUs	<input type="checkbox"/>	Chassis (Optimized for X10SLL+ F)
<input type="checkbox"/> MBD-X10SLL+ F • X10SLL+ F (Bulk Pack)	<input type="checkbox"/>	
Physical Stats	<input type="checkbox"/>	<ul style="list-style-type: none"> • SC113MTO-R400CB • SC113MTO-340CB • SC811TQ-441B • SC512E-350B • SC732E-441B • SC113MTO-R400CB • SC813MTO-350CB • SC813MTO-441CB • SC731T-5631PB • SC731T-6001PB • SC825MTO-R7001PB • SC823TQ-6531PB
Form Factor	• microATX	1U Chassis:
Dimensions	• 9.6" x 9.6", (24.4cm x 24.4 cm)	
Processor/Cache	<input type="checkbox"/>	
CPU	<ul style="list-style-type: none"> • Intel® Xeon® processor E3-1200 v3/v4 and 4th Gen Core i3, Pentium, Celeron processors • Single Socket H3 (LGA 1150) 	2U Chassis: <ul style="list-style-type: none"> • SC833T-6531B • SC733TQ-665B • SC733TQ-500B • SC731-300B • SC732T2-2903B • SC732T2-865B • SC732T2-500B • SC732T4-903B • SC732T4-865B • SC732T4-500B • SC732-500B • SC732-865B • SC745TQ-920B • SC745TQ-8020B • SC842-500L • SC842TQ-665B • SC842TQ-865B 3U Chassis: <ul style="list-style-type: none"> • SC833T-6531B • SC733TQ-665B • SC733TQ-500B • SC731-300B • SC732T2-2903B • SC732T2-865B • SC732T2-500B • SC732T4-903B • SC732T4-865B • SC732T4-500B • SC732-500B • SC732-865B • SC745TQ-920B • SC745TQ-8020B • SC842-500L • SC842TQ-665B • SC842TQ-865B
System Memory	<input type="checkbox"/>	
Memory Capacity	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Corrects single-bit errors • Detects double-bit errors (using ECC memory) 	4U / Tower Chassis:
On-Board Devices	<input type="checkbox"/>	
Chipset	<ul style="list-style-type: none"> • Intel® C222 Express PCH • SATA3 (6Gbps) w/ RAID 0, 1 • SATA2 (3Gbps) w/ RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • Aspeed AST2400 with 10/100/1000Mbps MAC • Intel® i210AT Ethernet Controller • Supports iOBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI) 	Important Chassis Notes <ul style="list-style-type: none"> • To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
SATA		
IPMI		Expansion Slots
Network Controllers		<input type="checkbox"/> <ul style="list-style-type: none"> • 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
VGA	<ul style="list-style-type: none"> • BMC integrated Aspeed AST2400 	System BIOS
Input / Output	<input type="checkbox"/>	BIOS Type
Serial ATA	<ul style="list-style-type: none"> • 2x SATA3 (6Gbps) ports • 4x SATA2 (3Gbps) ports • 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) • 1x VGA D-Sub Connector • 2x COM ports (1 rear, 1 header) • SATA DOM (Disk on Module) power connector support • 1x TPM Header 	BIOS Features <ul style="list-style-type: none"> • 128Mb SPI Flash EEPROM with AMI BIOS • DMI (SMBIOS) 2.7 • ACPI 5.0 • USB Keyboard support
LAN		Management
USB		<input type="checkbox"/>
VGA		Software
Serial Port / Header		<ul style="list-style-type: none"> • IPMI (Intelligent Platform Management Interface) v2.0 with KVM support • SuperDoctor® III • Watch Dog • NMI • ACPI /ACPM Power Management • Main Switch Override Mechanism • Power-on mode for AC power recovery • Internal/External modem ring-on
DOM		Power Configurations
TPM		
		PC Health Monitoring
	<input type="checkbox"/>	
		Voltage
		<ul style="list-style-type: none"> • Monitors for CPU Cores, +12V, +3.3V, +5V, +5V Standby, VBAT, HT, Memory, Chipset Voltages. • 5-Phase-switching voltage regulator with auto-sense from 0.8373V-1.60V • Total of five 4-pin fan headers supporting up to 5 fans • 3x 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 • PECI • CPU / System Overheat LED • +5V Standby alert LED • Chassis intrusion detection • Chassis intrusion header
		FAN
		Temperature
		LED
		Other Features
	<input type="checkbox"/>	Operating Environment
	<input type="checkbox"/>	
		Operating Temperature Range
		<ul style="list-style-type: none"> • 0°C ~ 50°C (32°F ~ 122°F)
		Non-Operating Temperature Range
		<ul style="list-style-type: none"> • -40°C ~ 70°C (-40°F ~ 158°F)
		Operating Relative Humidity Range
		<ul style="list-style-type: none"> • 8% ~ 90% (non-condensing)
		Non-Operating Relative Humidity Range

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<https://www.superstorage.pl/supermicro-mbd-x10sll-single-skt-intel-c222-chipset-sata-2xgbe-ipmi-p-1366.html>