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

MBD-X10SLL-F • X10SLL-F (Bulk Pack)

Physical Stats

Form Factor	• microATX
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)

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	• 1.5V, 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
IPMI	• Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • Aspeed AST2400 with 10/100/1000M bps MAC
Network Controllers	• Intel® i217LM + Intel® i210AT 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

Chassis (Optimized for X10SLL-F)

1U Chassis:	• SC113MTQ-R400CB • SC113MTQ-330CB • SC811TQ-441B • SC512F-350B • SC512F-441B • SC813MTQ-R400CB • SC813MTQ-350CB • SC813MTQ-441CB
2U Chassis:	• SC213LT-563LPB • SC213LT-600LPB • SC825MTQ-R700LPB • SC823TQ-653LPB
3U Chassis:	• SC833T-653B
Mid/Mini Tower Chassis:	• SC733TQ-665B • SC731i-300B • SC732i-500B • SC732i-865B • SC732D2-903B • SC732D2-865B • SC732D2-500B • SC732D4-903B • SC732D4-865B • SC732D4-500B • SC733TQ-500B
4U / Tower Chassis:	• SC745TQ-920B • SC745TQ-R920B • SC743TQ-865B-SQ • SC842i-500B • SC842TQ-665B • SC842TQ-865B
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.

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
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
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
Temperature	• Monitoring for CPU and chassis environment • 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-x10sll-single-skt-intel-c222-chipset-sata-2xgbe-ipmi-p-1367.html