

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

Part number: MBD-X10SLM+-F-O



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|---------------------|--|
| 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 | 2 x USB 3.0 (rear) 1 x USB 3.0 (header) 1 x USB 3.0 Type A 2 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 i210 Dual Port Gigabit Ethernet |
| Integrated BMC | IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY |
| BMC chip | Nuvoton WPCM450 |
| TPM | 1 x TPM 1.2 20-pin Header |

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| Product SKUs | <input type="checkbox"/> | Chassis (Optimized for X10SLM+ F) |
| MBD-X10SLM+ F • X10SLM+ F (Bulk Pack) | <input type="checkbox"/> | |
| Physical Stats | <input type="checkbox"/> | <ul style="list-style-type: none"> • SC813MTO-441CB • SC813MTO-350CB • SC813MTO-R400CB |
| Form Factor | • microATX | 1U Chassis: <ul style="list-style-type: none"> • SC512E-441B • SC512E-509B • SC811TO-441B • SC113MTO-330CB • SC113MTO-R400CB • SC823TO-6531PB • SC823MTO-R700PB |
| Dimensions | • 9.6" x 9.6", (24.4cm x 24.4 cm) | 2U Chassis: <ul style="list-style-type: none"> • SC213LT-6001PB • SC213LT-5631PB |
| Processor/CACHE | <input type="checkbox"/> | 3U Chassis: <ul style="list-style-type: none"> • SC833TE-653H • SC731-300B • SC733TO-500B • SC732D4-500B • SC732D4-865B • SC732D4-903B • SC732D2-500B • SC732D2-865B • SC732D2-903B • SC732-865B • SC732-500B • SC842TO-865B • SC842-500B • SC743TO-865B-SQ • SC743TO-R920B • SC743TO-920B |
| 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) | <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. |
| System Memory | <input type="checkbox"/> | Important Chassis Notes |
| 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) | |
| Memory Type | • 1600MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs | Expansion Slots |
| DIMM Sizes | • 8GB, 4GB, 2GB, 1GB | <input type="checkbox"/> <ul style="list-style-type: none"> • 1 (x8) PCI-E 3.0 in x16 slot • 1 (x8) PCI-E 3.0 slot • 1 (x4) PCI-E 2.0 in x8 slot |
| Memory Voltage | • 1.5V, 1.35V | PCI-Express |
| Error Detection | <ul style="list-style-type: none"> • Corrects single-bit errors • Detects double-bit errors (using ECC memory) | System BIOS |
| On-Board Devices | <input type="checkbox"/> | <input type="checkbox"/> <ul style="list-style-type: none"> • 128Mb SPI Flash EEPROM with AMI BIOS • DMI (SMBIOS) 2.7 • ACPI 5.0 • USB Keyboard support |
| Chipset | • Intel® C224 Express PCH | BIOS Features |
| SATA | <ul style="list-style-type: none"> • SATA3 (6Gbps) w/ RAID 0, 1, 10, 5 • SATA2 (3Gbps) w/ RAID 0, 1 • Support for Intelligent Platform Management Interface v2.0 | Management |
| IPMI | <ul style="list-style-type: none"> • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • NuvoTon WPCM450 BMC • Intel® I210AT Controllers • Supports iOBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output | <input type="checkbox"/> <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 |
| Network Controllers | <ul style="list-style-type: none"> • 1x Realtek RTL8211E PHY (dedicated IPMI) | Power Configurations |
| VGA | • BMC integrated Aspeed AST2400 | PC Health Monitoring |
| Input / Output | <input type="checkbox"/> | <input type="checkbox"/> |
| Serial ATA | <ul style="list-style-type: none"> • 4x SATA3 (6Gbps) ports • 2x SATA2 (3Gbps) ports | Voltage |
| LAN | <ul style="list-style-type: none"> • 2x Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port | FAN |
| USB | <ul style="list-style-type: none"> • 4x USB 3.0 ports (2 rear, 1 Type-A, 1 via header) • 6x USB 2.0 ports (2 rear, 4 via header) • 1x VGA D-Sub Connector | Temperature |
| VGA | • 1x VGA D-Sub Connector | LED |
| Serial Port / Header | • 2x COM ports (1 rear, 1 header) | Other Features |
| DOM | • SATA DOM (Disk on Module) power connector support | |
| TPM | • 1x TPM Header | |

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<https://www.superstorage.pl/supermicro-mbd-x10slm-single-socket-intel-c224-chipset-sata-2xgbe-ipmi-p-1371.html>