

Supermicro MBD-X10SL7-F, Single SKT, Intel C222 Chipset, SATA, LSI 2308 SAS2, 2xGbE, IPMI

Kod producenta: MBD-X10SL7-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 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 | 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 | 8 |
| # of SATA DOM power | 1 |
| # of SAS Ports | 8 |
| Storage Controllers | 2 x AHCI iSATA 6Gb/s 4 x AHCI iSATA 3Gb/s LSI 2308 6Gb/s |
| Integrated RAID | 0,1,5,10 |
| Hardware RAID | 0,1,10 |
| # 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 |
| Uwagi | PCI-Express Slots Configuration: 1x PCI-E 3.0 x8 (in x16) slot 1x PCI-E 2.0 x4 (in x8) slot |

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| Product SKUs | Chassis (Optimized for X10SL7-F) |
| MBD-X10SL7-F • X10SL7-F (Bulk Pack) | <ul style="list-style-type: none"> • SC113MT0-R400CB • SC113MT0-330CB • SC811T0-441B |
| Physical Stats | |
| Form Factor • microATX | 1U Chassis: <ul style="list-style-type: none"> • SC512E-350B • SC512E-441B • SC813MT0-R400CB • SC813MT0-350CB • SC813MT0-441CB |
| Dimensions • 9.6" x 9.6", (24.4cm x 24.4 cm) | 2U Chassis: <ul style="list-style-type: none"> • SC823MT0-3700PB • SC823T0-6531PB • SC713L7-5631PB |
| Processor/CPU | 3U Chassis: <ul style="list-style-type: none"> • SC833T0-R920B • SC833T0-4531B • SC732D4-903B • SC732D4-863B • SC732D4-500B • SC733T0-500B • SC7311-300B • SC732-500B |
| <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) | Mid/Mini Tower Chassis: <ul style="list-style-type: none"> • SC732-863B • SC732D2-903B • SC732D2-863B • SC732D2-500B • SC741T0-903B • SC741T0-R920B • SC842-500B • SC842D4-963B • SC842T0-863B |
| System Memory | 4U / Tower Chassis: <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. |
| Memory Capacity • 4x 240-pin DDR3 DIMM sockets | <ul style="list-style-type: none"> • Supports up to 32 GB DDR3 ECC Un-Buffered memory (UDIMM) • 1600MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs |
| Memory Type • 8GB, 4GB, 2GB, 1GB | Important Chassis Notes |
| DIMM Sizes • 1.5V, 1.35V | <ul style="list-style-type: none"> • Aspeed AST2400 with 10/100/1000M bps MAC • Intel® i210AT dual port GbE Controllers • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI) • BMC integrated Aspeed AST2400 |
| Error Detection • Corrects single-bit errors | SuperServer(s) with X10SL7-F |
| • Detects double-bit errors (using ECC memory) | Model(s) • SYS-1018D-73MTF |
| On-Board Devices | Expansion Slots |
| Chipset • Intel® C222 Express PCH | PCI-Express • 1x PCIe 3.0 x8 (in x16) slot |
| SATA • SATA3 (6Gbps) w/ RAID 0, 1, 5, 10 | • 1x PCIe 2.0 x4 (in x8) slot |
| SAS • SAS2 (6Gbps) via LSI 2308 | |
| • SW RAID 0, 1, 1E, 10 support | System BIOS |
| • Support for Intelligent Platform Management Interface v.2.0 | BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS |
| IPMI • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support | BIOS • DMI (SMBIOS) 2.7 |
| • Aspeed AST2400 with 10/100/1000M bps MAC | Features • ACPI 5.0 |
| • Intel® i210AT dual port GbE Controllers | • USB Keyboard support |
| • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output | Management |
| • 1x Realtek RTL8211E PHY (dedicated IPMI) | <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 |
| • BMC integrated Aspeed AST2400 | Power Configurations • Power-on mode for AC power recovery |
| | • Internal/External modem ring-on |
| Input / Output | PC Health Monitoring |
| Serial ATA • 2x SATA3 (6Gbps) ports | <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 0.8375V-1.60V • Total of 5 fan headers supporting up to 5 fans • Five 4-pin fan headers • 5x fans with tachometer status monitoring |
| SAS • 8x SAS2 (6Gbps) ports | Voltage |
| LAN • 2x RJ45 Gigabit Ethernet LAN ports | FAN |
| • 1x RJ45 Dedicated IPMI LAN port | <ul style="list-style-type: none"> • 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 |
| USB • 2x USB 3.0 ports (1 via header, 1 Type-A) | Temperature |
| • 6x USB 2.0 ports (4 rear, 2 via header) | <ul style="list-style-type: none"> • CPU thermal trip support • PC temperature sensing logic • Thermal Monitor 2 (TM2) support • PECI |
| VGA • 1x VGA D-Sub Connector | LED |
| Serial Port / Header • 2x COM ports (1 rear, 1 header) | <ul style="list-style-type: none"> • CPU / System Overheat LED • +5V Standby alert LED |
| DOM • SATA DOM (Disk on Module) power connector support | Other Features |
| TPM • 1x TPM Header | <ul style="list-style-type: none"> • 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-x10sl7-single-skt-intel-c222-chipset-sata-lsi-2308-sas2-2xgbe-ipmi-p-1362.html>