

Supermicro MBD-X11SSM-F, Single SKT, Intel C236 Chipset, SATA, 2xGbE, IPMI

Kod producenta: MBD-X11SSM-F-O



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| Category | Server |
| Form Factor | Micro-ATX |
| Dimensions | 9.6" x 9.6" |
| CPU Socket | LGA 1151 (Socket H4) |
| # of CPU sockets | 1 |
| Supported CPU's | Intel Xeon E3-1200v5 |
| Chipset | Intel C236 Skylake |
| Memory Type | DDR4 ECC UDIMM |
| Memory Speed | 2133 MHz 1866 MHz 1600 MHz |
| # of DIMM's | 4 |
| Max Memory Size | 64 GB |
| Integrated GPU | Aspeed AST2400 |
| # of PCIe x4 3.0 | 2 |
| # of PCIe x8 3.0 | 2 |
| # of USB Ports | 2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A 2 x USB 2.0 (rear) 4 x USB 2.0 (header) |
| # of SATA Ports | 8 |
| # of SATA DOM power | 2 |
| Storage Controllers | 8 x AHCI iSATA 6Gb/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 x8 (in x16) slot 2x PCI-E 3.0 x4 (in x8) slot |

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| Product SKUs | | Expansion Slots | |
| MBD-X11SSM-F • X11SSM-F (Bulk Pack) | | PCI-E | <ul style="list-style-type: none"> • 1 PCI-E 3.0 x8 (in x16 slot) • 1 PCI-E 3.0 x8 • 2 PCI-E 3.0 x4 (in x8 slot) |
| Physical Stats | | System BIOS | |
| Form Factor | • Micro-ATX | BIOS Type | <ul style="list-style-type: none"> • 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • APM 1.2 • DMI 2.3 • PCI 2.3 |
| Dimensions | • 9.6" x 9.6" (24.38cm x 24.38cm) | BIOS Features | <ul style="list-style-type: none"> • ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • Hardware BIOS Virus protection • SMBIOS 2.7.1 • UEFI 2.3.1 • RTC (Real Time Clock) Wakeup |
| Processor/Cache | | Management | |
| CPU | <ul style="list-style-type: none"> • Intel® 6th Generation Core™ i3 series • Intel® Celeron® • Intel® Pentium® • Intel® Xeon® processor E3-1200 v5 series • Socket H4 (LGA 1151) supported; CPU TDP support 80W | Software | <ul style="list-style-type: none"> • Intel® Node Manager, IPMI2.0, NMI, SPM, SSM, SUM, SuperDoctor® 5, Watchdog |
| System Memory | | Power Configurations | <ul style="list-style-type: none"> • ACPI Power Management • Power-on mode for AC power recovery |
| Memory Capacity | <ul style="list-style-type: none"> • 64GB Unbuffered ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots • 2133/1866/1600MHz ECC DDR4 | PC Health Monitoring | |
| Memory Type | SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs | Voltage | <ul style="list-style-type: none"> • +12V, +3.3V, +5V, +5V standby, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT |
| DIMM Sizes | • 4GB, 8GB, 16GB | FAN | <ul style="list-style-type: none"> • 5x 4-pin fan headers (up to 5 fans), Fan speed control, Overheat LED indication, Thermal control tachometer fan connectors |
| Memory Voltage | • 1.2 V | Temperature | <ul style="list-style-type: none"> • CPU thermal trip support • Thermal Monitor 2 (TM2) support • PECI |
| Error Detection | <ul style="list-style-type: none"> • Corrects single-bit errors • Detects double-bit errors (using ECC memory) | LED | <ul style="list-style-type: none"> • CPU / System Overheat LED • UID/Remote UID |
| On-Board Devices | | Other Features | <ul style="list-style-type: none"> • Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, Node Manager Support, WOL |
| Chipset | • Intel® C236 | Operating Environment | |
| SATA | • Intel® C236 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10 | Operating Temperature Range | • 0°C ~ 50°C (32°F ~ 122°F) |
| Network Controllers | • Dual LAN with Intel® Ethernet Controller I210-AT | Non-Operating Temperature Range | • -40°C - 70°C (-40°F - 158°F) |
| Graphics | • Aspeed AST2400 BMC | Operating Relative Humidity Range | • 8% - 90% (non-condensing) |
| Input / Output | | Non-Operating Relative Humidity Range | |
| USB | <ul style="list-style-type: none"> • 6 USB 2.0 ports (2 rear, 4 via header) • 5 USB 3.0 ports (2 rear, 2 via header, 1 Type A) | | |
| Video Output | <ul style="list-style-type: none"> • 1 VGA • 1 Aspeed AST2400 BMC | | |
| Serial Port / Header | • 2 COM Ports (1 rear, 1 header) | | |
| TPM | • Header | | |

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11ssm-single-skt-intel-c236-chipset-sata-2xgbe-ipmi-p-1695.html>

