

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

Kod producenta: MBD-X11SSM-F-O



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

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>

