

Supermicro MBD-X11SSL-nF, Single SKT, Intel C232 Chipset, SATA, NVMe, 2xGbE, IPMI Bulk

Kod producenta: MBD-X11SSL-nF-B



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 C232 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	1
# of PCIe x8 3.0	1
# 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	6
# of SATA DOM power	2
# of NVMe ports	2
Storage Controllers	6 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 1x PCI-E 3.0 x4 (in x8) slot 1x PCI-E 3.0 x1 slot

Product SKUs	
MBD-X11SSL-nF • X11SSL-nF (Bulk Pack)	
Physical Stats	
Form Factor • Micro-ATX	
Dimensions • 9.6" x 9.6" (24.38cm x 24.38cm)	
Processor/Cache	
CPU	• 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
System Memory	
Memory Capacity	• 64GB Unbuffered ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots
Memory Type	• 2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs
DIMM Sizes	• 4GB, 8GB, 16GB
Memory Voltage	• 1.2 V
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	• Intel® C232
SATA	• Intel® C232 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10
Network Controllers	• Dual LAN with Intel® Ethernet Controller I210-AT
Graphics	• Aspeed AST2400 BMC
Input / Output	
USB	• 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	• 1 VGA
Serial Port / Header	• 1 Aspeed AST2400 BMC
TPM	• 2 COM Ports (1 rear, 1 header)
	• Header

Expansion Slots	
PCI-E	• 1 PCI-E 3.0 x8 (in x16 slot)
	• 1 PCI-E 3.0 x4 (in x8 slot)
	• 1 PCI-E 3.0 x1
System BIOS	
BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS
	• ACPI 1.0 / 2.0 / 3.0 / 4.0
BIOS Features	• APM 1.2
	• DMI 2.3
	• Hardware BIOS Virus protection
	• PCI 2.3
	• Plug and Play (PnP)
	• SMBIOS 2.7.1
	• RTC (Real Time Clock) Wakeup
Management	• USB Keyboard support
	• UEFI 2.3.1
Management	
Software	• IPMI2.0, NMI, SSM, SUM, SuperDoctor® 5, Watchdog
	• ACPI Power Management
Power Configurations	• Power-on mode for AC power recovery
PC Health Monitoring	
Voltage	• +12V, +3.3V, +5V, +5V standby, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT
	• 5x 4-pin fan headers (up to 5 fans), Fan speed control, Overheat LED indication, Thermal control tachometer fan connectors
FAN	• Monitoring for CPU and chassis environment
	• CPU thermal trip support
Temperature	• Thermal Monitor 2 (TM2) support
	• PECI
LED	• UID/Remote UID
	• CPU / System Overheat LED
Other Features	• Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, WOL
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-x11ssl-nf-single-skt-intel-c232-chipset-sata-nvme-2xgbe-ipmi-bulk-p-2589.html>