

# Supermicro MBD-X11SSL-CF, Single SKT, Intel C232 Chipset, SATA, LSI 3008 SAS3, 2xGbE, IPMI Bulk

Kod producenta: MBD-X11SSL-CF-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 SAS Ports	8
Storage Controllers	6 x AHCI iSATA 6Gb/s LSI 3008 12Gb/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 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-CF • X11SSL-CF (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

SAS • LSI3008 controller for 8 SAS3 (12Gbps) ports; RAID 0,1,10

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  
• 1 Aspeed AST2400 BMC

Serial Port / Header • 2 COM Ports (1 rear, 1 header)

TPM • 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  
• APM 1.2  
• DMI 2.3  
• Hardware BIOS Virus protection

BIOS Features • PCI 2.3  
• Plug and Play (PnP)  
• RTC (Real Time Clock) Wakeup  
• SMBIOS 2.7.1  
• UEFI 2.3.1  
• USB Keyboard support

## Management

Software • IPMI2.0, NMI, SSM, SUM, SuperDoctor® 5, Watchdog

Power Configurations • ACPI Power Management  
• 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

FAN • Total of 5 fan headers supporting up to 5 fans  
• Fan speed control  
• Overheat LED indication  
• Thermal control tachometer fan connectors

Temperature environment • CPU thermal trip support  
• Monitoring for CPU and chassis

LED • PECE  
• Thermal Monitor 2 (TM2) support  
• 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

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11ssl-cf-single-skt-intel-c232-chipset-sata-lsi-3008-sas3-2xgbe-ipmi-bulk-p-2587.html>