

# Supermicro MBD-H11SSL-i, Single AMD EPYC 7000-Series, System on Chip, SATA, 2xGbE, IPMI, M.2 Bul

Kod producenta: MBD-H11SSL-i-B



Category	Server
Form Factor	ATX
CPU Socket	LGA 4094 (Socket SP3)
# of CPU sockets	1
Supported CPU's	AMD EPYC 7001 AMD EPYC 7002
Chipset	System on Chip
Memory Type	DDR4 ECC RDIMM
Memory Speed	2666 MHz
# of DIMM's	8
Max Memory Size	1024
Integrated GPU	ASPEED AST2500
# of PCIe x16 3.0	3
# of PCIe x8 3.0	3
# 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) 2 x USB 2.0 (header)
# of SATA Ports	16
# of SATA DOM power	2
# of 1GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 20-pin Header

*Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:*

## Product SKUs

- MBD-H11SSL-i • H11SSL-i
- MBD-H11SSL-i-B • H11SSL-i (Bulk Pack)

## Physical Stats

- Form Factor • ATX
- Dimensions • 12" x 9.6" (30.5cm x 24.4cm)

## Processor/Chipset

- CPU Processor • Single AMD EPYC™ 7000-series Processor
- Socket • Socket SP3
- Chipset • System on Chip

## System Memory

- Memory Capacity • 8 DIMM slots
- Supports up to 1TB Registered ECC DDR4 2666MHz SDRAM in 8 DIMMs
- 8-channel memory bus
- Memory Type • DDR4 2666 MHz Registered ECC, 288-pin gold-plated DIMMs
- DIMM Sizes • 8GB, 16GB, 32GB, 64GB, 128GB
- Memory Voltage • 1.2V
- Error Detection • Corrects single-bit errors
- Detects double-bit errors (using ECC memory)

## On-Board Devices

- SATA • SATA3 (6 Gbps)
- Support for Intelligent Platform Management Interface v.2.0
- IPMI • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
- ASPEED AST2500 BMC
- Network Controllers • 2 1GbE LAN via Intel® I210
- 1 Realtek RTL8211E PHY (dedicated IPMI)
- VGA • ASPEED AST2500 BMC

## Input / Output

- SATA • 16 SATA3 (6 Gbps) ports
- LAN • 2 RJ45 Gigabit Ethernet LAN ports
- 1 RJ45 Dedicated IPMI LAN port
- USB • 5 USB 3.0 ports (2 rear, + 2 via header + 1 Type A)
- 4 USB 2.0 ports (2 rear + 2 via header)
- VGA • 1 VGA port
- 1 COM port (rear)
- Others • 2 SATA DOM power connector
- 1 TPM 1.2 header

## Expansion Slots

- PCI-Express • 3 PCI-E 3.0 x8
- 3 PCI-E 3.0 x16
- M.2 • Interface: PCI-E 3.0 x4
- Form factor: 2260, 2280, 22110
- Support SATA devices

## System BIOS

- BIOS Type • AMI 128Mb SPI Flash EEPROM
- Plug and Play (PnP)
- DMI 2.3
- PCI 2.2
- BIOS Features • ACPI 5.1
- USB Keyboard Support
- SMBIOS 3.1.1

## Management

- Super Doctor 5
- Watch Dog
- NMI
- SUM
- IPMI 2.0, KVM with dedicated LAN
- Power Configurations • ACPI Power Management
- Power-on mode control for AC power loss recovery

## PC Health Monitoring

- Monitors CPU Core Voltages, +1.8V, +3.3V, +5V, +5V standby, +3.3V standby
- CPU • CPU switching voltage regulator
- Supports system management utility
- VBAT
- Up to 7-fan status tachometer monitoring
- Up to 7 4-pin fan headers
- FAN • Dual Cooling Zone
- Status monitor for speed control
- Pulse Width Modulated (PWM) fan connectors
- Monitoring for CPU and chassis environment
- CPU Thermal Trip Support
- Temperature • Thermal control for 7x Fan connectors
- I°C Temperature Sensing Logic
- LED • CPU / System Overheat LED
- Other Features • Chassis Intrusion Detection
- Chassis Intrusion Header
- UID

## Operating Environment / Compliance

- Operating Temperature: 10°C to 35°C (50°F to 95°F)
- Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)
- Environmental Specifications • Operating Relative Humidity: 8% to 90% (non-condensing)
- Non-operating Relative Humidity: 5% to 95% (non-condensing)

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-h11ssl-single-amd-epyc-7000-series-system-on-chip-sata-2xgbe-ipmi-m2-bul-p-3469.html>