

Supermicro MBD-H11SSL-C, Single AMD EPYC 7000-Series, System on Chip,SATA,LSI3008 2xGbE,IPMI Bul

Kod producenta: MBD-H11SSL-C-B



Category	Server
Form Factor	ATX
Dimensions	12" x 9.6"
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 GB
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	8
# of SAS Ports	8
Storage Controllers	8 x AHCI iSATA 6Gb/s LSI 3008 12Gb/s
Integrated RAID	0,1,10
# of Serial Ports	1 x Fast UART 16550 (rear)
Network Controllers	Intel i210 Dual Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
TPM	1 x TPM 2.0 20-pin Header
Uwagi	M.2 Slots Configuration: Interface: PCI-E 3.0 x4 Form factor: 2280, 22110

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

MBD-H11SSL-C • H11SSL-C

Physical Stats

Form Factor • ATX

Dimensions • 12" x 9.6" (30.5cm x 24.4cm)

Processor/Chipset

CPU • Single AMD EPYC™ 7000-series Processor

• 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)

SAS • Broadcom 3008 SAS3 (12 Gbps) controller

• RAID 0, 1, 10;

• 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

SAS • 8 SAS3 (12 Gbps) ports

SATA • 8 SATA3 (6 Gbps) ports

LAN • 2 RJ45 Gigabit Ethernet LAN ports

• 1 RJ45 Dedicated IPMI LAN port

• 5 USB 3.0 ports

USB • (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

BIOS Features • PCI 2.2

• ACPI 5.1

• USB Keyboard Support

• SMBIOS 3.1.1

Management

• [Super Doctor 5](#)

• Watch Dog

Software

• 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

Temperature • CPU Thermal Trip Support

• Thermal control for 7x Fan connectors

• I²C 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-chipsatalsi-3008-2xgbeipmi-bul-p-3479.html>