

Supermicro MBD-H11DSi, Dual AMD EPYC 7000-Series, System on Chip, SATA, 2xGbE, IPMI, M.2

Kod producenta: MBD-H11DSi



Category	Server
Form Factor	E-ATX
Dimensions	12" x 13"
CPU Socket	LGA 4094 (Socket SP3)
# of CPU sockets	2
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	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2500
# of PCIe x16 3.0	2
# of PCIe x8 3.0	2
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 2.0 (rear) 2 x USB 2.0 (header)
# of SATA Ports	10
Storage Controllers	10 x SATA 6Gb/s
# of Serial Ports	1 x Fast UART 16550 (rear)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i350-AM21 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 x2 Form factor: 2280, 22110

Product SKUs		Chassis (Optimized for H11DSi)	
MBD-H11DSi • H11DSi		2U	• SC213AC-R1K23LPB • SC216BE1C4-R1K23LPB
MBD-H11DSi-B • H11DSi (Bulk Pack)			• SC826BE1C4-R1K23LPB • SC829HE1C4-R1K62LPB
Physical Stats		3U	• SC836BE1C-R1K23B
Form Factor • E-ATX		4U/Tower	• SC745BAC-R1K28B2
Dimensions • 12" x 13.05" (30.5cm x 33.1cm)			• SC846BE1C-R1K23B
Processor/Chipset		System BIOS	
CPU	• Dual AMD EPYC™ 7000-series Processors • Socket SP3	BIOS Type	• AMI 128Mb SPI Flash EEPROM • Plug and Play (PnP) • DMI 2.3
Cores	• Up to 32 Cores	BIOS	• PCI 2.2
Chipset	• System on Chip	Features	• ACPI 5.1 • USB Keyboard Support • SMBIOS 3.1.1
System Memory		Management	
Memory Capacity	• 16 DIMM sockets • Supports up to 2TB Registered ECC DDR4 2666MHz SDRAM in 16 DIMMs • 8-channel memory bus • For Dual CPUs: Recommended that memory be populated equally in adjacent memory banks • See Detailed Memory Support Matrix	Software	• Super Doctor 5 • Watch Dog • NMI • SUM • IPMI 2.0, KVM with dedicated LAN
	Memory Type		• DDR4 2666 MHz Registered ECC, 288-pin gold-plated DIMMs
DIMM Sizes	• 8GB, 16GB, 32GB, 64GB, 128GB	Power Configurations	PC Health Monitoring
Memory Voltage	• 1.2V		
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)	CPU	FAN
On-Board Devices			
SATA	• SATA3 (6 Gbps) • Support for Intelligent Platform Management Interface v.2.0	Temperature	LED
IPMI	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2500 BMC		
Network Controllers	• 2 1GbE LAN via Intel® i350-AM21 • 1 Realtek RTL8211E PHY (dedicated IPMI)	Other Features	UID
VGA	• ASPEED AST2500 BMC		
Input / Output		Operating Environment / Compliance	
SATA	• 10 SATA3 (6 Gbps) ports	Environmental Specifications	Operating Temperature: 10°C to 35°C (50°F to 95°F)
LAN	• 2 RJ45 Gigabit Ethernet LAN ports • 1 RJ45 Dedicated IPMI LAN port		
USB	• 2 USB 3.0 ports (rear) • 4 USB 2.0 ports (2 rear + 2 via header)	Operating Relative Humidity: 8% to 90% (non-condensing)	Non-operating Relative Humidity: 5% to 95% (non-condensing)
VGA	• 1 VGA port • 1 COM port (rear)		
Others	• 2 SATA DOM power connector • 1 TPM 2.0 header	Expansion Slots	
PCI-Express	• 3 PCI-E 3.0 x8 • 2 PCI-E 3.0 x16	Environmental Specifications	Operating Temperature: 10°C to 35°C (50°F to 95°F)
M.2	• Interface: 1 SATA/PCI-E 3.0 x2 • Form factor: 2280, 22110 • Key: M-key		

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-h11dsi-dual-amd-epyc-7000-series-system-on-chip-sata-2x-gbe-ipmi-m2-p-3095.html>