

Supermicro MBD-X11SSH-CTF, Single SKT, Intel C236 Chipset, SATA, LSI 3008, 2x10GbE, IPMI, M.2

Kod producenta: MBD-X11SSH-CTF-O



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 C236 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 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	8
# of SATA DOM power	2
# of SAS Ports	8
Storage Controllers	8 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 10GbE Ports	2 x RJ45
Network Controllers	Intel x550 Dual Port 10 Gigabit Base-T
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 x2 (in x4) slot M.2 Interface: PCI-E 3.0 x4 M.2 Form Factor: 2260

Product SKUs		Expansion Slots	
MBD-X11SSH-CTF • X11SSH-CTF (Bulk Pack)		<ul style="list-style-type: none"> • 1 PCI-E 3.0 x8 • 1 PCI-E 3.0 x2 (in x4 slot) • M.2 Interface: PCIe 3.0 x4 • M.2 Form Factor: 2260 	
Physical Stats		System BIOS	
Form Factor • Micro-ATX		BIOS Type <ul style="list-style-type: none"> • 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • APM 1.2 • DMI 2.3 • PCI 2.3 	
Dimensions • 9.6" x 9.6" (24.38cm x 24.38cm)		BIOS Features <ul style="list-style-type: none"> • ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • Hardware BIOS Virus protection • SMBIOS 2.7.1 • UEFI 2.3.1 • RTC (Real Time Clock) Wakeup 	
Processor/Cache		Management	
<ul style="list-style-type: none"> • Intel® 6th Generation Core™ i3 series • Intel® Celeron® • Intel® Pentium® 		Software <ul style="list-style-type: none"> • Intel® Node Manager, IPMI2.0, NMI, SPM, SSM, SUM, SuperDoctor® 5, Watchdog 	
CPU <ul style="list-style-type: none"> • Intel® Xeon® processor E3-1200 v5 series • Socket H4 (LGA 1151) supported; CPU TDP support 80W 		Power Configurations <ul style="list-style-type: none"> • ACPI Power Management • Power-on mode for AC power recovery 	
System Memory		PC Health Monitoring	
Memory Capacity <ul style="list-style-type: none"> • 64GB Unbuffered ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots • 2133/1866/1600MHz ECC DDR4 		Voltage <ul style="list-style-type: none"> • +12V, +3.3V, +5V, +5V standby, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT 	
Memory Type <ul style="list-style-type: none"> • SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs 		<ul style="list-style-type: none"> • Total of 6 fan headers supporting up to 6 fans • Fan speed control • Overheat LED indication • Thermal control tachometer fan connectors • Monitoring for CPU and chassis environment 	
DIMM Sizes <ul style="list-style-type: none"> • 4GB, 8GB, 16GB 		<ul style="list-style-type: none"> • CPU thermal trip support • Thermal Monitor 2 (TM2) support • PECI 	
Memory Voltage <ul style="list-style-type: none"> • 1.2 V 		<ul style="list-style-type: none"> • CPU / System Overheat LED • UID/Remote UID 	
Error Detection <ul style="list-style-type: none"> • Corrects single-bit errors • Detects double-bit errors (using ECC memory) 		<ul style="list-style-type: none"> • Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, M.2 NGFF connector, Node Manager Support, WOL 	
On-Board Devices		Operating Environment	
Chipset <ul style="list-style-type: none"> • Intel® C236 		Operating Temperature Range <ul style="list-style-type: none"> • 0°C ~ 50°C (32°F ~ 122°F) 	
SATA <ul style="list-style-type: none"> • Intel® C236 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10 		Non-Operating Temperature Range <ul style="list-style-type: none"> • -40°C - 70°C (-40°F - 158°F) 	
SAS <ul style="list-style-type: none"> • LSI3008 controller for 8 SAS3 (12 Gbps) ports; RAID 0,1,10 		Operating Relative Humidity Range <ul style="list-style-type: none"> • 8% - 90% (non-condensing) 	
Network Controllers <ul style="list-style-type: none"> • Dual LAN with Intel® X550 10GBase-T Ethernet Controller 		Non-Operating Relative Humidity Range	
Graphics <ul style="list-style-type: none"> • Aspeed AST2400 BMC 			
Input / Output			
USB <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 1 VGA • 1 Aspeed AST2400 BMC 			
Serial Port / Header <ul style="list-style-type: none"> • 2 COM Ports (1 rear, 1 header) 			
TPM <ul style="list-style-type: none"> • Header 			

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11ssh-ctf-single-skt-intel-c236-chipset-sata-lsi-3008-2x10gbeipmim2-p-1702.html>