

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

Kod producenta: MBD-X11SSH-TF-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
Storage Controllers	8 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# 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: PCIe 3.0 x4 M.2 Form Factor: 2260

Product SKUs		Expansion Slots			
MBD-X11SSH-TF • X11SSH-TF (Bulk Pack)		PCI-E	• 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					
Form Factor • Micro-ATX		System BIOS			
Dimensions • 9.6" x 9.6" (24.38cm x 24.38cm)		BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS • APM 1.2 • DMI 2.3 • PCI 2.3 • Plug and Play (PnP)		
Processor/Cache			BIOS Features	• ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • Hardware BIOS Virus protection • UEFI 2.3.1 • SMBIOS 2.7.1 • RTC (Real Time Clock) Wakeup	
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		Management	Software	• Intel® Node Manager, IPMI2.0, NMI, SPM, SSM, SUM, SuperDoctor® 5, Watchdog • ACPI Power Management • Power-on mode for AC power recovery
Memory Capacity	• 64GB Unbuffered ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots • 2133/1866/1600MHz ECC DDR4				
Memory Type	SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs				
DIMM Sizes	4GB, 8GB, 16GB	Power Configurations	PC Health Monitoring	Voltage	• +12V, +3.3V, +5V, +5V standby, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT • 6x 4-pin fan headers (up to 6 fans)
Memory Voltage	1.2 V				
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)				
On-Board Devices		FAN	Other Features	Temperature	• Monitoring for CPU and chassis environment • PECI • Thermal Monitor 2 (TM2) support • CPU thermal trip support • CPU / System Overheat LED • UID/Remote UID • Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection
Chipset	Intel® C236				
SATA	Intel® C236 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10				
Network Controllers	Dual LAN with Intel® X550 10GBase-T Ethernet Controller				
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)	LED	Operating Environment	Operating Temperature Range	• 0°C ~ 50°C (32°F ~ 122°F)
Video Output	• 1 VGA • 1 Aspeed AST2400 BMC				
Serial Port / Header	2 COM Ports (1 rear, 1 header)	Non-Operating Temperature Range	Operating Relative Humidity Range	Non-Operating Relative Humidity Range	• 8% - 90% (non-condensing)
TPM	Header				

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-x11ssh-tf-single-skt-intel-c236-chipset-sata-2x10gbe-ipmi-m2-p-1701.html>