

Supermicro MBD-X11SSZ-TLN4F, Single SKT, Intel C236 Chipset, SATA, 2x10GbE, 2xGbE, IPMI,AMT Bulk

Kod producenta: MBD-X11SSZ-TLN4F-B



Category	Embedded
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 Intel Core 6th Gen.
Chipset	Intel C236 Skylake
Memory Type	DDR4 ECC UDIMM DDR4 non-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 x16 3.0	1
# of PCIe x4 3.0	2
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 2 x USB 2.0 (rear) 6 x USB 2.0 (header) 1 x USB 2.0 Type A
# of SATA Ports	4
# of SATA DOM power	1
Storage Controllers	4 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	2 x Fast UART 16550 (header)
# of 10GbE Ports	2 x RJ45
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel x550 Dual Port 10 Gigabit Base-T Intel i210 Single Port Gigabit Ethernet Intel i219LM Single Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 2x PCI-E 3.0 x4 (in x8) slots

Product SKUs		Expansion Slots	
MBD-X11SSZ-TLN4F • X11SSZ-TLN4F (Bulk Pack)		PCI-E	• 1 PCI-E 3.0 x16 (in x16 slot) • 2 PCI-E 3.0 x4 (in x8 slot)
Physical Stats		System BIOS	
Form Factor • Micro-ATX		BIOS Type	• AMI UEFI • UEFI 2.3.1 • USB Keyboard support • Hardware BIOS Virus protection • SMBIOS 2.7.1
Dimensions • 9.6" x 9.6" (24.38cm x 24.38cm)			
Processor/Cache		BIOS Features	• Plug and Play (PnP) • APM 1.2 • DMI 2.3 • PCI 2.3 • ACPI 1.0 / 2.0 / 3.0 / 4.0 • RTC (Real Time Clock) Wakeup
CPU	• Intel® 6th Generation Core™ i3 series • Intel® 6th Generation Core™ i5 series • Intel® 6th Generation Core™ i7 series • Intel® Celeron® • Intel® Pentium® • Intel® Xeon® processor E3-1200 v5 series • Socket H4 (LGA 1151) supported; CPU TDP support Up to 91W		
System Memory		Management	
Memory Capacity	• Up to 64GB Unbuffered ECC/non-ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots	Software	• AMT, IPMI2.0, KVM with dedicated LAN, NMI, SuperDoctor® 5, vPro, Watchdog
Memory Type	• 2133/1866/1600MHz ECC DDR4 SDRAM 72/64-bit, 288-pin (UDIMM) gold-plated DIMMs	Power Configurations	• ACPI Power Management • Power-on mode for AC power recovery
DIMM Sizes	• 4GB, 8GB, 16GB	PC Health Monitoring	
Memory Voltage	• 1.2 V	Voltage	• +1.8V, +12V, +3.3V, +5V, +5V standby, 1.2V (VDIMM), 6 -fan status, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT • Total of 6 fan headers supporting up to 6 fans • 6 fans with tachometer status monitoring • Fan speed control • Overheat LED indication • Pulse Width Modulated (PWM) fan connectors • PWM fan speed control • System level control • Thermal control tachometer fan connectors
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)		
On-Board Devices		FAN	• Monitoring for CPU and chassis environment • CPU thermal trip support • I2C temperature sensing logic • Thermal Monitor 2 (TM2) support • PECI
Chipset	• Intel® C236		
SATA	• Intel® C236 controller for 4 SATA3 (6 Gbps) ports; RAID 0,1,5,10 • Dual LAN with Intel® X550 10GBase-T Ethernet Controller	Temperature	• CPU / System Overheat LED • UID/Remote UID
Network Controllers	• Single LAN with Intel® PHY I219LM LAN controller • Single LAN with Intel® Ethernet Controller I210-AT		
Audio	• ALC 888S HD Audio	LED	• 8-pin 12v DC power connector, ACPI power management, ATX Power connector, Chassis intrusion header, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, Intel Smart Response Technology, RoHS, System level control, UID, WOL
Graphics	• Intel® HD Graphics , Aspeed AST2400 BMC		
Input / Output		Other Features	
USB	• 9 USB 2.0 ports (2 rear, 6 via header, 1 Type A) • 4 USB 3.0 ports (2 rear, 2 via header) • 2 DP (DisplayPort), 1 DVI - I, 1 VGA, 1 Intel® HD Graphics	Video Output	
Video Output	• , 1 Aspeed AST2400 BMC • 3 Independent Displays, VGA Port is for BMC		
Serial Port / Header	• 2 COM Ports (2 headers)	TPM	
TPM	• 1 TPM 2.0 Header		

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11ssz-tln4f-single-skt-intel-c236-chipset-sata-2x10gbe-2xgbe-ipmiamt-bulk-p-2593.html>