

Supermicro MBD-X11SSi-LN4F, Single SKT, Intel C236 Chipset, SATA, 4xGbE, IPMI,M.2

Kod producenta: MBD-X11SSi-LN4F-O



Category	Server
Form Factor	ATX
Dimensions	12" 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 x4 3.0	1
# of PCIe x8 3.0	2
# 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	6
# of SATA DOM power	2
Storage Controllers	6 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 1GbE Ports	4 x RJ45
Network Controllers	Intel i210 Quad 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: 1x PCI-E 3.0 x8 (in x16) slot 1x PCI-E 3.0 x4 (in x8) slot M.2 Interface: PCIe 3.0 x4 and SATA M.2 Form Factor: 2242, 2260, 2280, 22110

Product SKUs		Expansion Slots	
MBD-X11SSi-LN4F • X11SSi-LN4F (Bulk Pack)		PCI-E	• 1 PCI-E 3.0 x8 • 1 PCI-E 3.0 x8 (in x16 slot) • 1 PCI-E 3.0 x4 (in x8 slot) • M.2 Interface: PCIe 3.0 x4 and SATA • M.2 Form Factor: 2242, 2260, 2280, 22110
Physical Stats			
Form Factor • ATX			
Dimensions • 12" x 9.6" (30.48cm x 24.38cm)			
Processor/Cache		System BIOS	
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	BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS • ACPI 1.0 / 2.0 / 3.0 / 4.0 • APM 1.2 • DMI 2.3 • PCI 2.3
	System Memory	BIOS Features	• Plug and Play (PnP) • Hardware BIOS Virus protection • RTC (Real Time Clock) Wakeup • SMBIOS 2.7.1 • UEFI 2.3.1 • USB Keyboard support
	Memory Capacity	• 64GB Unbuffered ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots • 2133/1866/1600MHz ECC DDR4	Management
Memory Type	SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs	Software	• Intel® Node Manager, IPMI2.0, NMI, SPM, SSM, SUM, SuperDoctor® 5, Watchdog • ACPI Power Management • Power-on mode for AC power recovery
DIMM Sizes	• 4GB, 8GB, 16GB	Power Configurations	
Memory Voltage	• 1.2V		
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)		
On-Board Devices		PC Health Monitoring	
Chipset	• Intel® C236	Voltage	• +12V, +3.3V, +5V, +5V standby, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT • 5x 4-pin fan headers (up to 5 fans), Fan speed control, Overheat LED indication, Thermal control tachometer fan connectors • Monitoring for CPU and chassis environment
SATA	• Intel® C236 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10		
Network Controllers	• Quad LAN with Intel® Ethernet Controller I210-AT		
Graphics	• Aspeed AST2400 BMC	FAN	• CPU thermal trip support • Thermal Monitor 2 (TM2) support • PECI • CPU / System Overheat LED • UID/Remote UID • Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, M.2 NGFF connector, WOL
Input / Output		LED	
USB	• 6 USB 2.0 ports (2 rear, 4 via header) • 5 USB 3.0 ports (2 rear, 2 via header, 1 Type A)	Other Features	
	Video Output	• 1 VGA • 1 Aspeed AST2400 BMC	Operating Environment
Serial Port / Header	• 2 COM Ports (1 rear, 1 header)	Operating Temperature Range	
TPM	• Header	Non-Operating Temperature Range	
		Operating Relative Humidity Range	
		Non-Operating Relative Humidity Range	

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-x11ssi-ln4f-single-skt-intel-c236-chipset-sata-4xgbe-ipmim-2-p-1703.html>