

Supermicro MBD-X11SCL-IF, Single SKT, Intel C242 Chipset, SATA, 2xGbE, IPMI, M.2

Kod producenta: MBD-X11SCL-IF-O



Category	Server
Form Factor	Mini-ITX
Dimensions	6.7" x 6.7"
CPU Socket	LGA 1151 (Socket H4)
# of CPU sockets	1
Supported CPU's	Intel Xeon E-2100 Intel Xeon E-2200
Chipset	C242
Memory Type	DDR4 ECC UDIMM
Memory Speed	2666 MHz
# of DIMM's	2
Max Memory Size	64 GB
Integrated GPU	Aspeed AST2500
# of PCIe x16 3.0	1
# of USB Ports	4 x USB 2.0 ports (2 rear + 2 headers) 5 x USB 3.1 ports (2 rears (2 Type A + 2 headers (1 Type A))
# of SATA Ports	4
Storage Controllers	4 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i210AT Dual Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
TPM	1 x TPM 2.0 20-pin Header

Product SKUs		Expansion Slots	
MBD-X11SCL-IF • X11SCL-IF		PCI-E	• 1 PCI-E 3.0 x16 (in x16 slot) • M.2 Interface: 1 SATA/PCI-E 3.0 x4
Physical Stats		M.2	• Form Factor: 2280 • Key: M-Key • Double Height Connector
Form Factor • Mini-ITX			
Dimensions • 6.7" x 6.7" (17.02cm x 17.02cm)			
Processor/Cache		System BIOS	
CPU	• 8th Generation Intel® Core™ i3/Pentium®/Celeron® Processor, Intel® Xeon® Processor E-2100 series. • Single Socket LGA 1151 supported, CPU TDP support Up to 95W TDP	BIOS Type	• UEFI 256Mb • ACPI 6.0 • SMBIOS 2.7
		BIOS Features	• Plug and Play (PnP) • RTC (Real Time Clock) Wakeup • UEFI 2.7 • USB Keyboard support • PCI 3.0
Cores / Cache	• 6 cores, 12 threads		
System Memory		Management	
Memory Capacity	• Up to 64GB Unbuffered ECC UDIMM, DDR4-2666MHz, in 2 DIMM slots	Software	• IPMI2.0, KVM with dedicated LAN, SSM, SUM, SuperDoctor® 5, Watchdog
Memory Type	• 2667/2400/2133MHz ECC DDR4 SDRAM 72-bit	Power Configurations	• ACPI Power Management • Power-on mode for AC power recovery
DIMM Sizes	• 4GB, 8GB, 16GB, 32GB		
Memory Voltage	• 1.2V		
Error Detection	• Corrects single-bit errors		
*Future support for 64GB via a BIOS update expected in early 2019			
On-Board Devices		PC Health Monitoring	
Chipset	• Intel® C242	Voltage	• +12V, +3.3V, +5V, +5V standby, 4 -fan status, Chassis intrusion header, Chipset Voltage, Memory Voltages, Monitors CPU voltages, Supports system management utility, System level control, VBAT
SATA	• Intel® C242 controller for 4 SATA3 (6 Gbps) ports; RAID 0,1,5,10		FAN
IPMI	• ASPEED AST2500	Temperature	• Thermal Monitor 2 (TM2) support, CPU thermal trip support, PECI, Monitoring for CPU and chassis environment
Network Controllers	• Dual LAN with 1GbE with Intel® I210		LED
Graphics	• Aspeed AST2500 BMC	Other Features	• ACPI power management, Chassis intrusion detection, Chassis intrusion header, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, Dual Cooling Zones, M.2 NGFF connector, UID, WOL
Input / Output			
USB	• 4 USB 2.0 ports (2 rear + 2 headers) • 5 USB 3.1 ports (2 rears (2 Type A + 2 headers(1 Type A)		
Video Output	• 1 VGA port		
Serial Port / Header	• 1 COM Port (1 rear)		
TPM	• 1 TPM Header		
Operating Environment			
Operating Temperature Range		• 0°C ~ 50°C (32°F ~ 122°F)	
Non-Operating Temperature Range		• -40°C - 70°C (-40°F - 158°F)	
Operating Relative Humidity Range		• 8% - 90% (non-condensing)	
Non-Operating Relative Humidity Range		• 5% - 95% (non-condensing)	

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11scl-if-single-skt-intel-c242-chipset-sata-2xgbe-ipmi-m2-p-4044.html>