

Supermicro MBD-X11SCZ-F, Single SKT, Intel C246 Chipset, SATA, 2xGbE, IPMI, M.2

Kod producenta: MBD-X11SCZ-F-O



Category	Workstation
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 E-2100 Intel Xeon E-2200 Intel Core 8th Gen Intel Core 9th Gen Intel Pentium 8th Gen Intel Pentium 9th Gen Intel Celeron 8th Gen Intel Celeron 9th Gen
Chipset	C246
Memory Type	DDR4 ECC UDIMM
Memory Speed	2666 MHz
# of DIMM's	4
Max Memory Size	64 GB
Integrated GPU	Aspeed AST2500
# of PCIe x16 3.0	1
# of PCIe x4 3.0	2
# of USB Ports	7 x USB 2.0 ports (6 headers, 1 Type A) 2 x USB 3.1 G1 ports (2 headers) 6 x USB 3.1 G2 ports (3 Rears Type A + 1 Rear Type C, 2 headers)
# of SATA Ports	5
Storage Controllers	5 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	4
# 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
Uwagi	PCI-Express Slots Configuration: 1xPCI-E 3.0 x16 slots 2x PCI-E 3.0 x4 (in x8) slot

Product SKUs		Expansion Slots	
MBD-X11SCZ-F • X11SCZ-F		PCI-E	• 1 PCI-E 3.0 x16, • 2 PCI-E 3.0 x4 (in x8 slot)
Physical Stats		M.2	• M.2 Interface: 1 SATA/PCI-E 3.0 x4 • Form Factor: 2280/22110 • Key: M-Key
Form Factor • uATX			
Dimensions • 9.6" x 9.6" (24.38cm x 24.38cm)			
Processor/Cache		System BIOS	
CPU	• Intel® 8th/9th Generation Core™ i9/Core™ i7/Core™ i5/Core™ i3/Pentium®/Celeron® series Processor, Intel® Xeon® E processor (Coffee Lake-S) Server, Intel® Xeon® E processor (Coffee Lake-S) Workstation. • Single Socket H4 (LGA 1151) supported, CPU TDP support Up to 95W TDP • A graphic integrated CPU is required to have onboard video from the DVI and DP ports	BIOS Type	• AMI UEFI • ACPI 6.1 • SMBIOS 3.1
		BIOS Features	• PCI FW 3.0 • UEFI 2.6 • RTC (Real Time Clock) Wakeup
		Management	
		Software	• IPMI (Intelligent Platform Management Interface) v2.0 with KVM support, SuperDoctor® 5, Watchdog
		System Mangement Software	• IPMI (Intelligent Platform Management Interface) v1.5 / 2.0 with KVM support
System Memory		Power Configurations	• +12V DC Power Input • ATX Power connector • ACPI Power Management
Memory Capacity	• Up to 64GB Unbuffered ECC/non-ECC UDIMM, DDR4-2666MHz, in 4 DIMM slots	PC Health Monitoring	
Memory Type	• 2666/2400/2133/1866/1600MHz ECC/Non-ECC DDR4 SDRAM 72-bit 288-pin UDIMM	Voltage	• +12V, +3.3V, +5V, +5V standby, 1.05 (PCH), 1.2V (VDIMM), 3.3V standby, 6 -fan status, Chassis intrusion header, Memory Voltages, Monitors CPU voltages, System temperature, VBAT
DIMM Sizes	• 4GB, 8GB, 16GB		
Memory Voltage	• 1.2V		
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)	FAN	• 6x 4-pin fan headers (up to 6 fans), 6 fans with tachometer status monitoring, Dual Cooling Zone, Fan speed control
*Future support for 128GB via a BIOS update expected in early 2019		Temperature	• Thermal Control for 6 Fan Connectors
On-Board Devices		LED	• UID/Remote UID • 12V DC or ATX Power Source, 8-pin 12v DC power connector, ACPI power management, ATX Power connector, Chassis intrusion header, Dual Cooling Zones, M.2 NGFF connector, RoHS, UID
Chipset	• Intel® C246	Other Features	
SATA	• Intel® C246 controller for 5 SATA3 (6 Gbps) ports; RAID 0,1,5,10		
IPMI	• ASPEED AST2500		
Network Controllers	• Single LAN with Intel® Ethernet Controller I210-AT • Single LAN with Intel® PHY I219LM LAN controller		
Audio	• ALC 888S HD Audio	Operating Environment	
Graphics	• Aspeed AST2500 BMC, Intel® HD Graphics • 3 Independent Displays	Operating Temperature Range	• 0°C ~ 60°C (32°F ~ 140°F)
		Non-Operating Temperature Range	• -40°C - 85°C (-40°F - 185°F)
Input / Output		Operating Relative Humidity Range	• 10% ~ 85% (non-condensing)
LAN	• 2 RJ45 Gigabit Ethernet LAN ports	Non-Operating Relative Humidity Range	• 5% - 95% (non-condensing)
USB	• 7 USB 2.0 ports (6 headers, 1 Type A) • 2 USB 3.1 Gen1 ports(2 headers) • 6 USB 3.1 Gen2 ports (3 Rears Type A + 1 Rear Type C, 2 headers)		
Video Output	• 1 VGA D-Sub Connector port, 1 DVI - I port, 2 DP (DisplayPort) ports, • 3 Independent Displays		
Serial Port / Header	• 4 COM Ports (4 headers)		
TPM	• TPM Header & Chip both		

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11szcz-single-skt-intel-c246-chipset-sata-2xgbe-ipmi-m2-p-4053.html>