

Supermicro MBD-X11SCW-F, Single SKT, Intel C246 Chipset, SATA, 2xGbE, IPMI, M.2 Bulk

Kod producenta: MBD-X11SCW-F-B



Category	Server
Form Factor	WIO Proprietary
Dimensions	8" x 13"
CPU Socket	LGA 1151 (Socket H4)
# of CPU sockets	1
Supported CPU's	Intel Xeon E-2100 Intel Xeon E-2200
Chipset	C246
Memory Type	DDR4 ECC UDIMM
Memory Speed	2666 MHz
# of DIMM's	4
Max Memory Size	128 GB
Integrated GPU	Aspeed AST2500
# of PCIe x16 3.0	1
# of PCIe x4 3.0	1
# of USB Ports	6 x USB 2.0 ports (2 rear + 4 headers) 1 x USB 3.1 G1 ports (1 Type A) 4 x USB 3.1 G2 ports (2 rears, 2 headers)
# of SATA Ports	6
Storage Controllers	6 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	2
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i210AT Dual Port Gigabit Ethernet
Integrated BMC	IPMI Shared RJ45
BMC chip	Aspeed AST2500 BMC
TPM	1 x TPM 2.0 20-pin Header
Uwagi	PCI-Express Slots Configuration: 1xPCI-E 3.0 x16 slots 1x PCI-E 3.0 x4 (in x8) slot

Product SKUs		Expansion Slots	
MBD-X11SCW-F • X11SCW-F		PCI-E	<ul style="list-style-type: none"> • 1 PCI-E 3.0 x16, • 1 PCI-E 3.0 x4 (in x8 slot)
Physical Stats		M.2	<ul style="list-style-type: none"> • M.2 Interface: 1 SATA/PCI-E 3.0 x4 and 1 PCI-E 3.0 x4 • Form Factor: 2260/2280/22110 • Key: M-Key • Double Height Connector
Form Factor • Proprietary WIO			
Dimensions • 8" x 13" (20.32cm x 33.02cm)			
Processor/Cache		System BIOS	
CPU	<ul style="list-style-type: none"> • 8th Generation Intel® Core™ i3/Pentium®/Celeron® Processor, Intel® Xeon® Processor E-2100 series. • Socket LGA 1151 supported, CPU TDP support Up to 95W TDP 	BIOS Type	<ul style="list-style-type: none"> • UEFI 256Mb • ACPI 6.0 • SMBIOS 2.7 • Plug and Play (PnP)
Cores / Cache	<ul style="list-style-type: none"> • 6 cores, 12 threads 	BIOS Features	<ul style="list-style-type: none"> • RTC (Real Time Clock) Wakeup • UEFI 2.7 • USB Keyboard support • PCI 3.0
System Memory		Management	
Memory Capacity	<ul style="list-style-type: none"> • Up to 128GB Unbuffered ECC UDIMM, DDR4-2666MHz, in 4 DIMM slots 	Software	<ul style="list-style-type: none"> • Intel® Node Manager, IPMI2.0, NMI, SPM, SSM, SUM, SuperDoctor® 5, Watchdog
Memory Type	<ul style="list-style-type: none"> • 2666/2400/2133MHz ECC DDR4 SDRAM 72-bit 	System Management Software	<ul style="list-style-type: none"> • IPMI (Intelligent Platform Management Interface) v1.5 / 2.0 with KVM support
DIMM Sizes	<ul style="list-style-type: none"> • 4GB, 8GB, 16GB, 32GB 	Power Configurations	<ul style="list-style-type: none"> • ACPI Power Management
Memory Voltage	<ul style="list-style-type: none"> • 1.2V 		
Error Detection	<ul style="list-style-type: none"> • Corrects single-bit errors 		
*Future support for 128GB via a BIOS update expected in early 2019		PC Health Monitoring	
On-Board Devices		Voltage	<ul style="list-style-type: none"> • +12V, +3.3V, +5V, +5V standby, 6-fan status, Chassis intrusion header, Chipset Voltage, Memory Voltages, Monitors CPU voltages, Supports system management utility, System level control, VBAT
Chipset	<ul style="list-style-type: none"> • Intel® C246 	FAN	<ul style="list-style-type: none"> • 6x 4-pin fan headers (up to 6 fans), 6 fans with tachometer status monitoring, Fan speed control, Overheat LED indication, Thermal control tachometer fan connectors
SATA	<ul style="list-style-type: none"> • Intel® C246 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10 	Temperature	<ul style="list-style-type: none"> • Monitoring for CPU and chassis environment, CPU thermal trip support, Thermal Monitor 2 (TM2) support, PECI
IPMI	<ul style="list-style-type: none"> • ASPEED AST2500 	LED	<ul style="list-style-type: none"> • UID/Remote UID, CPU / System Overheat LED
Network Controllers	<ul style="list-style-type: none"> • Dual LAN with Intel® Ethernet Controller I210-AT 	Other Features	<ul style="list-style-type: none"> • 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, M.2 NGFF connector, Node Manager Support, UID, WOL
Graphics	<ul style="list-style-type: none"> • Aspeed AST2500 BMC 		
Input / Output		Operating Environment	
SATA	<ul style="list-style-type: none"> • 6 SATA3 (6Gbps) ports 	Operating Temperature Range	<ul style="list-style-type: none"> • 0°C ~ 50°C (32°F ~ 122°F)
LAN	<ul style="list-style-type: none"> • 2 RJ45 Gigabit Ethernet LAN ports 	Non-Operating Temperature Range	<ul style="list-style-type: none"> • -40°C - 70°C (-40°F - 158°F)
USB	<ul style="list-style-type: none"> • 6 USB 2.0 ports (2 rear + 4 headers) • 1 USB 3.1 Gen1 ports, 1 Type A) • 4 USB 3.1 Gen2 ports (2 rears, 2 headers) 	Operating Relative Humidity Range	<ul style="list-style-type: none"> • 8% - 90% (non-condensing)
Video Output	<ul style="list-style-type: none"> • 1 VGA port 	Non-Operating Relative Humidity Range	<ul style="list-style-type: none"> • 5% - 95% (non-condensing)
Serial Port / Header	<ul style="list-style-type: none"> • 2 COM Ports (1 rear, 1 header) 		
TPM	<ul style="list-style-type: none"> • 1 TPM Header 		

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11scw-single-skt-intel-c246-chipset-sata-2xgbe-ipmi-m2-bulk-p-4927.html>