

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

Kod producenta: MBD-X11SCW-F-O



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
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

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

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11scw-single-skt-intel-c246-chipset-sata-2xgbe-ipmi-m2-p-4014.html>