

# Supermicro MBD-X11SAE, Single SKT, Intel C236 Chipset, SATA, 2xGbE,M.2

Kod producenta: MBD-X11SAE-O



Category	Workstation
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 Intel Core 6th Gen.
Chipset	Intel C236 Skylake
Memory Type	DDR4 ECC UDIMM DDR4 non-ECC UDIMM
Memory Speed	2133 MHz 1866 MHz 1600 MHz
# of DIMM's	4
Max Memory Size	64 GB
# of PCIe x16 3.0	2
# of USB Ports	2 x USB 3.1 (rear) 2 x USB 3.0 (rear) 4 x USB 3.0 (header) 2 x USB 2.0 (rear) 6 x USB 2.0 (header)
# of SATA Ports	8
Storage Controllers	8 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	2 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i219LM Port Gigabit Ethernet Intel i210AT Port Gigabit Ethernet
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 1xPCI-E M.2(PCI-E x4, 2242/2260/2280) 2 x PCI-E 3.0 x16 (run at 16/NA or 8/8) slots 3 x PCI-E 3.0 x1 (in x4) slots 2 x 5V PCI 32-bit slots

<b>Product SKUs</b>		<b>Expansion Slots</b>	
MBD-X11SAE • X11SAE (Bulk Pack)		<ul style="list-style-type: none"> <li>• 2 PCI-E 3.0 x16</li> <li>• 3 PCI-E 3.0 x1</li> </ul>	
<b>Physical Stats</b>		PCI-E	
Form Factor • ATX		<ul style="list-style-type: none"> <li>• 2 - 5V PCI 32bit</li> <li>• ***2 PCIe x16 slots are running at x16/NA or x8/x8 ***</li> </ul>	
Dimensions • 12" x 9.6" (30.48cm x 24.38cm)			
<b>Processor/Cache</b>		<b>System BIOS</b>	
<ul style="list-style-type: none"> <li>• Intel® 6th Generation Core™ i3 series</li> <li>• Intel® 6th Generation Core™ i5 series</li> <li>• Intel® 6th Generation Core™ i7 series</li> <li>• Intel® Xeon® processor E3-1200 v5 series</li> <li>• Socket H4 (LGA 1151) supported; CPU TDP support Up to 95W TDP</li> </ul>		<ul style="list-style-type: none"> <li>• AMI UEFI</li> <li>• Plug and Play (PnP)</li> <li>• DMI 2.3</li> <li>• PCI 3.0</li> <li>• ACPI 5.0</li> <li>• USB Keyboard support</li> <li>• Hardware BIOS Virus protection</li> <li>• SMBIOS 3.0</li> <li>• UEFI 2.3.1</li> <li>• RTC (Real Time Clock) Wakeup</li> </ul>	
CPU		BIOS Type	
		BIOS Features	
		Management	
<b>System Memory</b>		Software	
Memory Capacity		<ul style="list-style-type: none"> <li>• AMT, SuperDoctor® 5, vPro, Watchdog</li> <li>• ACPI Power Management</li> <li>• Keyboard Wakeup from Soft-Off</li> </ul>	
Memory Type		Power Configurations	
<ul style="list-style-type: none"> <li>• 64GB Unbuffered ECC/non-ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots</li> <li>• 2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs</li> </ul>		<ul style="list-style-type: none"> <li>• CPU Fan auto-off in sleep mode</li> <li>• Power-on mode for AC power recovery</li> </ul>	
DIMM Sizes		PC Health Monitoring	
Memory Voltage		Voltage	
<ul style="list-style-type: none"> <li>• 4GB, 8GB, 16GB</li> <li>• 1.2 V</li> </ul>		<ul style="list-style-type: none"> <li>• +12V, +3.3V, +5V, Chassis intrusion header, Monitors CPU voltages, VBAT</li> <li>• Total of 5 fan headers supporting up to 5 fans</li> </ul>	
Error Detection		FAN	
<ul style="list-style-type: none"> <li>• Corrects single-bit errors</li> <li>• Detects double-bit errors (using ECC memory)</li> </ul>		<ul style="list-style-type: none"> <li>• Fan speed control</li> <li>• Overheat LED indication</li> <li>• CPU thermal trip support</li> </ul>	
<b>On-Board Devices</b>		Temperature	
Chipset		LED	
<ul style="list-style-type: none"> <li>• Intel® C236</li> <li>• Intel® C236 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10; + 1 PCIe M.2(PCIe x4, 2242/2260/2280)(No Raid Support)</li> </ul>		<ul style="list-style-type: none"> <li>• Thermal Monitor 2 (TM2) support</li> <li>• CPU / System Overheat LED</li> <li>• Suspend static indicator LED</li> <li>• UID/Remote UID</li> </ul>	
SATA		Other Features	
<ul style="list-style-type: none"> <li>• Single LAN with Intel® Ethernet Controller I210-AT</li> <li>• Single LAN with Intel® PHY I219LM LAN controller</li> </ul>		<ul style="list-style-type: none"> <li>• 8-pin 12v DC power connector, ATX Power connector, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, Intel Smart Response Technology, WOL</li> </ul>	
Network Controllers			
Audio			
<ul style="list-style-type: none"> <li>• ALC 888S HD Audio</li> </ul>			
<b>Input / Output</b>			
USB			
<ul style="list-style-type: none"> <li>• 8 USB 2.0 ports (2 rear, 6 via header)</li> <li>• 6 USB 3.0 ports (2 rear, 4 via header)</li> <li>• 2 USB 3.1 ports (2 Rear)</li> </ul>			
Video Output			
<ul style="list-style-type: none"> <li>• 1 DVI - D, 1 DP (DisplayPort), 1 HDMI</li> </ul>			
Serial Port / Header			
<ul style="list-style-type: none"> <li>• 2 COM Ports (2 headers)</li> </ul>			
TPM			
<ul style="list-style-type: none"> <li>• 1x TPM 2.0 Header</li> </ul>			

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11sae-single-socket-intel-c236-chipset-sata-2xgbem2-p-2794.html>