

Supermicro MBD-X11SCA-W, Single SKT, Intel C246 Chipset, SATA, 2xGbE, M.2, WiFi BT

Kod producenta: MBD-X11SCA-W-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 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	Intel UHD P630
# of PCIe x16 3.0	1
# of PCIe x8 3.0	2
# of USB Ports	2 x USB 2.0 ports (2 headers, Type A) 4 x USB 3.1 G1 ports (2 Rears Type A, 2 headers) 4 x USB 3.1 G2 ports (1 Rear Type A + 1 Rear Type C, 1 header, 1 Type A)
# of SATA Ports	8
Storage Controllers	8 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
TPM	1 x TPM 2.0 20-pin Header
Uwagi	2x PCI-Ex16 slots are running at NA/16, or 8/8 Gigabit LAN WiFi + Bluetooth 5.0

Product SKUs		Expansion Slots	
MBD-X11SCA-W • X11SCA-W		PCI-E	• 1 PCI-E 3.0 x4, • 1 PCI-E 3.0 x1, • 2 PCI-Ex16 slots are running at NA/16, or 8/8 • 1 - 5V PCI 32bit • M.2 Interface: 2 PCI-E 3.0 x4 • Form Factor: 2242/2260/2280/22110 • Key: M-Key • M.2#1 are shared with PCI-Ex4 slot, M.2#2 is shared with U.2
Physical Stats			
Form Factor • ATX			
Dimensions • 12" x 9.6" (30.48cm x 24.38cm)		M.2	
Processor/Cache			
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		
	System BIOS		
	BIOS Type	• UEFI 128Mb	
System Memory		Management	
Memory Capacity	• Up to 64GB Unbuffered ECC/non-ECC UDIMM, DDR4-2666MHz, in 4 DIMM slots • 2666/2400/2133/1866/1600MHz ECC/Non-ECC DDR4 SDRAM 72-bit 288-pin UDIMM	Software	• AMT, SuperDoctor® 5, vPro, Watchdog
		System Mangement Software	• SuperDoctor 5 version. 5
Memory Type	ECC/Non-ECC DDR4 SDRAM 72-bit 288-pin UDIMM	Power Configurations	• ACPI Power Management • ATX Power connector • Power-on mode for AC power recovery • Keyboard Wakeup from Soft-Off
DIMM Sizes	• 1GB, 2GB, 4GB, 8GB, 16GB		
Memory Voltage	• 1.2V	PC Health Monitoring	
*Future support for 128GB via a BIOS update expected in early 2019		Voltage	• +1.8V, +12V, +3.3V, +5V, +5V standby, 5 -fan status, Chassis intrusion header, Chipset Voltage, Memory Voltages, Monitors CPU voltages, VBAT • 5 fans with tachometer status monitoring, Fan speed control, Low noise fan speed control, PWM fan speed control
On-Board Devices			
Chipset	• Intel® C246		
SATA	• Intel® C246 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10 • Single LAN with Intel® Ethernet Controller I210-AT	FAN	
	Single LAN with Intel® PHY I219LM LAN controller		
Network Controllers	Support vPro	Temperature	• N/A
	Single LAN with Gigabit LAN WiFi + Bluetooth 5.0	LED	• Standby alert LED
Audio	• ALC 888S HD Audio	Other Features	• 8-pin 12v DC power connector, ATX Power connector, Chassis intrusion detection, Chassis intrusion header, Control of power-on for recovery from AC power loss, RoHS, WOL
Graphics	• Intel UHD P630 graphic(For CPU Xeon E-21XXG series only)		
Input / Output		Operating Environment	
LAN	• 2 1GbE LAN ports • 2 USB 2.0 ports (2 headers, Type A) • 4 USB 3.1 Gen1 ports (2 Rears Type A, 2 headers)	Operating Temperature Range	• 0°C ~ 50°C (32°F ~ 122°F)
USB	• 4 USB 3.1 Gen2 ports (1 Rear Type A + 1 Rear Type C, 1 header, 1 Type A) • 1 HDMI port, 1 DVI - D port, 1 DP (DisplayPort) port,		
Video Output	• Intel UHD P630 graphic(For CPU Xeon E-21XXG series only)		
Serial Port / Header	• 1 COM Port (1 header)		
TPM	• 1 TPM Header		

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-x11sca-single-skt-intel-c246-chipset-sata-2xgbe-m2-wifi-bt-p-4052.html>