

Supermicro MBD-X11SAT-F, Single SKT, Intel C236 Chipset, SATA, 2xGbE,M.2

Kod producenta: MBD-X11SAT-F-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 Xeon E3-1200v6 Intel Core 7th Gen. Intel Core 6th Gen.
	Chipset	Intel C236 Skylake
	Memory Type	DDR4 ECC UDIMM DDR4 non-ECC UDIMM
	Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
	# of DIMM's	4
	Max Memory Size	64 GB
	Integrated GPU	Aspeed AST2400
	# of PCIe x16 3.0	3
	# of USB Ports	1 x USB 3.1 (rear) 2 x USB 3.0 (rear) 4 x USB 3.0 (header) 2 x USB 2.0 (rear) 2 x USB 2.0 (header)
	# of SATA Ports	6
	Storage Controllers	6 x AHCI iSATA 6Gb/s
	Integrated RAID	0,1,5,10
	# of Serial Ports	1 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) 3 x PCI-E 3.0 x16 (run at 16/NA/16 or 16/8/8) slots 1 x PCI-E 3.0 x1 (in x4) slot 1 x 5V PCI 32-bit slot

Product SKUs		Expansion Slots	
MBD-X11SAT-F • X11SAT-F (Bulk Pack)		PCI-E	• 3 PCI-E 3.0 x16 • 1 PCI-E 3.0 x1 • 1 - 5V PCI 32bit • ***3 PCIex16 slots are running at 16/NA/16 or 16/8/8.*** • ***PCIe x1 is in x4 slot***
Physical Stats			
Form Factor • ATX			
Dimensions • 12" x 9.6" (30.48cm x 24.38cm)			
Processor/Cache		System BIOS	
CPU	• Intel® 6th/7th Generation Core™ i3 series • Intel® 6th/7th Generation Core™ i5 series • Intel® 6th/7th Generation Core™ i7 series • Intel® Xeon® Processor E3-1200 v6/v5 series • Socket H4 (LGA 1151) supported; CPU TDP support Up to 95W TDP • BIOS version 2.0 or above is required to support 7th Generation Intel® Core™ i3 Processors and Intel® Xeon® Processor E3-1200 v6 series	BIOS Type	• AMI UEFI • Plug and Play (PnP) • DMI 2.3 • PCI 3.0 • ACPI 5.0 • USB Keyboard support • Hardware BIOS Virus protection • SMBIOS 3.0 • UEFI 2.3.1 • RTC (Real Time Clock) Wakeup
	Note	BIOS Features	Management
	System Memory		Software
Power Configurations			
PC Health Monitoring			
Memory Capacity			• Up to 64GB Unbuffered ECC/non-ECC UDIMM, DDR4-2400MHz, in 4 DIMM slots
Memory Type	• 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs	FAN	• 5x 4-pin fan headers (up to 5 fans) • Fan speed control • Overheat LED indication • CPU thermal trip support • I2C temperature sensing logic
DIMM Sizes	• 4GB, 8GB, 16GB	Temperature	• PECI • Thermal Monitor 2 (TM2) support
Memory Voltage	• 1.2V	LED	• CPU / System Overheat LED • Suspend static indicator LED • UID/Remote UID
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)	Other Features	• 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
On-Board Devices			
Chipset	• Intel® C236 • Intel® C236 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10 • + 1 PCIe M.2(PCIe x4, 2242/2260/2280)(No Raid Support)		
SATA	• Single Intel® Ethernet Controller I210-AT • + Single Intel Ethernet PHY i219LM		
Network Controllers			
Audio	• ALC 888S HD Audio		
Graphics	• Aspeed AST2400 BMC		
Input / Output			
USB	• 4 USB 2.0 ports (2 rear, 2 via header(s)) • 6 USB 3.0 ports (2 rear, 4 via header(s)) • 1 USB 3.1 (10 Gb/s) Type C ports (Rear, share with Thunderbolt and Display port)		
	Video Output		
Serial Port / Header	• 1 COM Port (1 header(s))		
TPM	• 1 TPM 2.0 Header		
Others	• Support Thunderbolt(USB3.1 only,Full Thunderbolt functions need to do firmware update to enable that will be only posted to Supermicro web site after Intel released dedicated ID		

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Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11sat-single-skt-intel-c236-chipset-sata-2xgbem2-p-2991.html>