

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

Kod producenta: MBD-X11SAT-F-B



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)		<ul style="list-style-type: none"> • 3 PCI-E 3.0 x16 • 1 PCI-E 3.0 x1 	
Physical Stats		PCI-E	
Form Factor • ATX		<ul style="list-style-type: none"> • 1 - 5V PCI 32bit • ***3 PCIex16 slots are running at 16/NA/16 or 16/8/8.*** **PCIe x1 is in x4 slot*** 	
Dimensions • 12" x 9.6" (30.48cm x 24.38cm)			
Processor/Cache		System BIOS	
CPU	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • AMI UEFI • Plug and Play (PnP) • DMI 2.3 • PCI 3.0 • ACPI 5.0
	Note	BIOS Features	<ul style="list-style-type: none"> • USB Keyboard support • Hardware BIOS Virus protection • SMBIOS 3.0 • UEFI 2.3.1 • RTC (Real Time Clock) Wakeup
System Memory		Management	
Memory Capacity	<ul style="list-style-type: none"> • Up to 64GB Unbuffered ECC/non-ECC UDIMM, DDR4-2400MHz, in 4 DIMM slots 	Software	<ul style="list-style-type: none"> • IPMI2.0 • SPM • SuperDoctor® 5 • Watchdog
Memory Type	<ul style="list-style-type: none"> • 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs 	Power Configurations	<ul style="list-style-type: none"> • ACPI Power Management • Keyboard Wakeup from Soft-Off • CPU Fan auto-off in sleep mode • Power-on mode for AC power recovery
DIMM Sizes	<ul style="list-style-type: none"> • 4GB, 8GB, 16GB 	PC Health Monitoring	
Memory Voltage	<ul style="list-style-type: none"> • 1.2V 	Voltage	<ul style="list-style-type: none"> • +12V, +3.3V, +5V, +5V standby, Chassis intrusion header, Monitors CPU voltages, VBAT
Error Detection	<ul style="list-style-type: none"> • Corrects single-bit errors • Detects double-bit errors (using ECC memory) 	FAN	<ul style="list-style-type: none"> • 5x 4-pin fan headers (up to 5 fans) • Fan speed control • Overheat LED indication
On-Board Devices		Temperature	<ul style="list-style-type: none"> • CPU thermal trip support • I2C temperature sensing logic • PECI • Thermal Monitor 2 (TM2) support
Chipset	<ul style="list-style-type: none"> • Intel® C236 • Intel® C236 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10 	LED	<ul style="list-style-type: none"> • CPU / System Overheat LED • Suspend static indicator LED • UID/Remote UID
SATA	<ul style="list-style-type: none"> • + 1 PCIe M.2(PCIe x4, 2242/2260/2280)(No Raid Support) 	<ul style="list-style-type: none"> • 8-pin 12v DC power connector • ATX Power connector • Control of power-on for recovery from AC power loss 	
Network Controllers	<ul style="list-style-type: none"> • Single Intel® Ethernet Controller I210-AT • + Single Intel Ethernet PHY i219LM 	Other Features	<ul style="list-style-type: none"> • CPU thermal trip support for processor protection • Intel Smart Response Technology • WOL
Audio	<ul style="list-style-type: none"> • ALC 888S HD Audio 		
Graphics	<ul style="list-style-type: none"> • Aspeed AST2400 BMC 		
Input / Output			
USB	<ul style="list-style-type: none"> • 4 USB 2.0 ports (2 rear, 2 via header(s)) • 6 USB 3.0 ports (2 rear, 4 via header(s)) 		
	<ul style="list-style-type: none"> • 1 USB 3.1 (10 Gb/s) Type C ports (Rear, share with Thunderbolt and Display port) 		
Video Output	<ul style="list-style-type: none"> • 1 DVI - D port(s), 1 DP (DisplayPort) port(s), 1 HDMI port(s), 1 VGA port(s) 		
Serial Port / Header	<ul style="list-style-type: none"> • 1 COM Port (1 header(s)) 		
TPM	<ul style="list-style-type: none"> • 1 TPM 2.0 Header 		
Others	<ul style="list-style-type: none"> • 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 to Supermicro 		

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11sat-single-skt-intel-c236-chipset-sata-2xgbem2-bulk-p-2992.html>