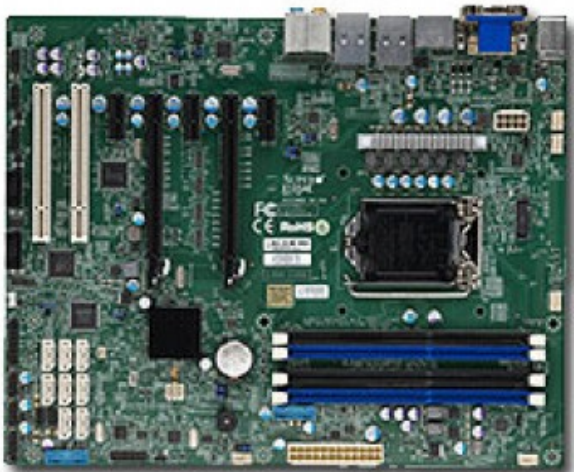


Supermicro MBD-X10SAE, Single SKT, Intel C226 Chipset, SATA, 2xGbE

Kod producenta: MBD-X10SAE-O



Category	Workstation
Form Factor	ATX
Dimensions	12" x 9.6"
CPU Socket	LGA 1150 (Socket H3)
# of CPU sockets	1
Supported CPU's	Intel Xeon E3-1200v3 Intel Xeon E3-1200v4
Chipset	Intel C226 Lynx Point
Memory Type	DDR3 ECC UDIMM DDR3 non-ECC UDIMM
Memory Speed	1600 MHz 1333 MHz 1066 MHz
# of DIMM's	4
Max Memory Size	32 GB
# of PCIe x16 3.0	2
# of PCIe x1 2.0	3
# of USB Ports	2 x USB 3.0 (rear) 4 x USB 3.0 (header) 4 x USB 2.0 (rear) 6 x USB 2.0 (header)
# of SATA Ports	8
# of SATA DOM power	1
Storage Controllers	6 x AHCI iSATA 6Gb/s 2 x A-SATA 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 i217 Gigabit Ethernet Intel i210 Gigabit Ethernet
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 2x PCI-E 3.0 x16 slots Function as: 16/NA or 8/8 3x PCI-E 2.0 x1 (in x4) slots

Product SKUs		Chassis (Optimized for X10SAE)	
MBD-X10SAE • X10SAE (Bulk Pack)		Mid/Mini Tower	• SC732D4-903B • SC732G-903B
Physical Stats		Chassis:	
Form Factor	• ATX	4U / Tower	• SC743TO-1200B-SQ • SC743TO-865B-SQ
Dimensions	• 12" x 9.6", (30.48cm x 24.4 cm)	Chassis:	• To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
Processor/Cache		Important Chassis Notes	
CPU	• Intel® Xeon® processor E3-1200 v3/v4 and 4th/5th Gen Core i7/i5/i3, Pentium, Celeron processors • Single Socket H3 (LGA 1150) • A Graphic Integrated CPU is required to have the on-board video functioned. Examples: E3-1265L v3, E3-1275 v3*	SuperServer(s) with X10SAE	
		Model(s)	• SYS-5038A-IL
System Memory		Expansion Slots	
Memory Capacity	• 4x 240-pin DDR3 DIMM sockets • Supports up to 32GB DDR3 ECC/Non-ECC Un-Buffered memory (UDIMM)	PCI-Express	• 2x PCI-E 3.0 x16 slots - Function as: 16/NA or 8/8 • 3x PCI-E 2.0 x1 slots
Memory Type	• 1600MHz ECC/non-ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	PCI	• 2x PCI 5V 32-bit slots
DIMM Sizes	• 8GB, 4GB, 2GB, 1GB	System BIOS	
Memory Voltage	• 1.5V, 1.35V	BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS
Error Detection	• Corrects single-bit errors • Detects double-bit errors (using ECC memory)	BIOS Features	• DMI (SMBIOS) 2.7 • ACPI 5.0 • USB Keyboard support
On-Board Devices		Management	
Chipset	• Intel® C226 Express PCH	Software	• SuperDoctor® III • Watch Dog • AMT • vPro
SATA	• SATA3 via PCH w/ RAID 0, 1, 5, 10 • SATA3 via ASM1061®	Power Configurations	• ACPI / ACPM Power Management • Main Switch Override Mechanism • Power-on mode for AC power recovery • Internal/External modem ring-on
Network Controllers	• Intel® i217LM + Intel® i210AT Controllers • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output	PC Health Monitoring	
Audio	• RealTek ALC1150 High Definition Audio	Voltage	• Monitors for CPU Cores, +1.8V, +12V, +3.3V, +5V, +5V Standby, VBAT, HT, Memory, Chipset Voltages. • 5-Phase-switching voltage regulator with auto-sense from 0.8375V-1.60V • Total of five 4-pin fan headers supporting up to 5 fans • 5x fans with tachometer status monitoring
Input / Output		FAN	• Status monitor for speed control • Status monitor for on/off control • Support 3-pin fans (w/o speed control) • Low noise fan speed control • Pulse Width Modulated (PWM) fan connectors
Serial ATA	• 6x SATA3 (6Gbps) ports via PCH • 2x SATA3 (6Gbps) ports via ASM1061® • Total of 8x SATA3 ports (6Gbps)	Temperature	• Monitoring for CPU and chassis environment • CPU thermal trip support • FC temperature sensing logic • Thermal Monitor 2 (TM2) support • PECI
LAN	• 2x RJ45 Gigabit Ethernet LAN ports	LED	• CPU / System Overheat LED • +5V Standby alert LED
USB	• 6x USB 3.0 ports (2 rear, 4 via headers) • 10x USB 2.0 ports (4 rear, 6 via headers)	Other Features	• Chassis intrusion detection • Chassis intrusion header
Audio	• 7.1 HD Jacks		
Display*	• 1x VGA, 1x HDMI, 1x DVI, 1x Display port		
Serial Port / Header	• 2x COM ports (headers)		
DOM	• SATA DOM (Disk on Module) power connector support • TPM header, 2x Type B 1394a headers, PS/2 connector for mouse and keyboard		
Others			

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-x10sae-single-skt-intel-c226-chipset-sata-2xgbe-p-1360.html>