

# Supermicro MBD-X9SRA, Single SKT, Intel C602 Chipset, SATA, 2xGbE Bulk

Kod producenta: MBD-X9SRA-B



Form Factor	ATX
Dimensions	12" x 9.6"
CPU Socket	LGA 2011 (Socket R)
# of CPU sockets	1
Supported CPU's	Intel Xeon E5-2600 Intel Xeon E5-1600v2 Intel Xeon E5-2600 Intel Xeon E5-1600
Chipset	Intel C602 Patsburg
Memory Type	DDR3 ECC LRDIMM DDR3 ECC RDIMM DDR3 ECC UDIMM DDR3 non-ECC UDIMM
Memory Speed	1866 MHz 1600 MHz 1333 MHz 1066 MHz
# of DIMM's	8
Max Memory Size	512 GB
# of PCIe x16 3.0	2
# of PCIe x4 3.0	1
# of PCIe x4 2.0	1
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 8 x USB 2.0 (rear) 6 x USB 2.0 (header)
# of SATA Ports	10
Storage Controllers	2 x AHCI iSATA 6Gb/s 4 x AHCI iSATA 3Gb/s 4 x sSATA 3Gb/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 82579LM Dual Port Gigabit Ethernet Intel 82574L Dual Port Gigabit Ethernet
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 2x PCI-E 3.0 x16 slots 1x PCI-E 3.0 x4 (in x8) slot 1x PCI-E 2.0 x4 (in x8) slot 1x PCI-32 slot

Product SKUs	Chassis ( Optimized for X9SRA )
MBD-X9SRA -B • X9SRA (Bulk Pack)	Mid-Tower - <a href="#">CSE-732D4-903B</a>
Physical Stats	Important Chassis Notes
Form Factor • ATX	- To support motherboards based on Intel® Xeon® processor 5500/3500 series, <b>Revision K</b> or later chassis is recommended for most models. Please talk to your sales representative for details.
Dimensions • 12" x 9.6", (30.48cm x 24.4 cm)	
Processor/Cache	Expansion Slots
CPU	- Intel® Xeon® processor E5-2600/1600 and <b>E5-2600/1600 v2</b> family <sup>1</sup> (up to 12 cores and up to 150W)
Note	- Single Socket R (LGA 2011)
CPU	† BIOS version 3.0 or above is required
	- Intel® 2nd and 3rd Gen. Core i7 series processors with Non-ECC UDIMM only
System Memory	System BIOS
Memory Capacity	BIOS Type
- 8x 240-pin DDR3 DIMM slots	- 64Mb SPI Flash EEPROM with AMI BIOS
- Up to 512GB DDR3 ECC LRDIMM	- Plug and Play (PnP)
- Up to 256GB DDR3 ECC RDIMM	- APM 1.2
- Up to 64GB DDR3 ECC/non-ECC UDIMM	- DMI 2.3
Note: LRDIMM only works with Intel Xeon E5-2600 and E5-2600 v2 family processors	- PCI 2.3
Memory Type	BIOS Features
- 1866/1600/1333/1066MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs	- ACPI 1.0 / 2.0 / 3.0 / 4.0
DIMM Sizes	- USB Keyboard support
- 32GB, 16GB, 8GB, 4GB, 2GB, 1GB, 64GB LRDIMM	- Hardware BIOS Virus protection
Memory Voltage	- SMBIOS 2.7.1
- 1.5 V, 1.35 V	- UEFI 2.3.1
Error Detection	- RTC (Real Time Clock) Wakeup
- Corrects single-bit errors	
- Detects double-bit errors (using ECC memory)	
On-Board Devices	Management
Chipset	- <a href="#">SuperDoctor® III</a>
SATA	- Watch Dog
- Intel C602 chipset	- NMI
- SATA3 (6Gb/s) and SATA2 (3Gb/s)	- ACPI / APM Power Management
- RAID 0, 1, 5, 10 support (Windows)	- Keyboard Wakeup from Soft-Off
- RAID 0, 1, 5, 10 support (Linux)	- CPU Fan auto-off in sleep mode
- Intel® 82579LM and 82574L, 2x Gigabit LAN ports	- Power-on mode for AC power recovery
Network Controllers	
- Virtual Machine Device Queues reduce I/O overhead	
- Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output	
Audio	
- RealTek ALC889 7.1 High Definition Audio with S/PDIF header	
Super I/O	
- Winbond	
Input / Output	PC Health Monitoring
SATA	- Monitors for CPU Cores, +3.3V, +5V, ±12V, +5V Standby, VBAT, HT, Memory, Chipset Voltages.
- 2x SATA 3.0 ports (6Gb/s)	Voltage
- 4x SATA 2.0 ports (3Gb/s)	- 5-Phase-switching voltage regulator with auto-sense from 0.8375V-1.60V
SCU	- Total of five 4-pin fan headers supporting up to 5 fans
- 4x SATA 2.0 ports (3Gb/s) via SCU	- 5 fans w/ tachometer status monitoring
LAN	FAN
- 2x RJ45 Gigabit Ethernet LAN ports	- Status monitor for speed control
USB	- Status monitor for on/off control
- 4x USB 3.0 ports (5Gbps)	- Low noise fan speed control
- 14x USB 2.0 ports total (8x rear + 6x via header)	- Pulse Width Modulated (PWM) fan connectors
Audio	- Monitoring for CPU and chassis environment
- Line-in / Line-out / Microphone Ports	Temperature
Keyboard/Mouse	- CPU thermal trip support
- PS/2 Keyboard/Mouse port	- FC temperature sensing logic
Serial Port / Header	- Thermal Monitor 2 (TM2) support
- 2x headers	- PECI
OS Compatibility	LED
	- CPU / System Overheat LED
	- Suspend static indicator LED
	- UID/Remote UID
	Other Features
	- Chassis intrusion detection
	- Chassis intrusion header
	- Chipkill support
	- RoHS, Halogen Free
	Operating Environment
	Operating Temperature Range
	- 10°C - 35°C (50°F - 95°F)
	Non-Operating Temperature Range
	- -40°C - 70°C (-40°F - 158°F)
	Operating Relative Humidity Range
	- 8% - 90% (non-condensing)
	Non-Operating Relative Humidity Range

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x9sra-single-skt-intel-c602-chipset-sata-2xgbe-bulk-p-2630.html>