

Supermicro MBD-X9SRW-F, Single SKT, Intel C602 Chipset, SATA, 2xGbE

Kod producenta: MBD-X9SRW-F-O



Form Factor	Proprietary
CPU Socket	LGA 2011 (Socket R)
# of CPU sockets	1
Supported CPU's	Intel Xeon E5-2600v2 Intel Xeon E5-1600v2
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
Integrated GPU	Matrox G200eW
# of PCIe x16 3.0	2
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header)
# of SATA Ports	10
Storage Controllers	2 x AHCI iSATA 6Gb/s 4 x AHCI iSATA 3Gb/s 4 x sSATA 3Gb/s (via SCU)
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i350 Dual Port Gigabit Ethernet
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Nuvoton WPCM450RA0BX
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 1x (x8) PCI-E 3.0 (in x16) slot

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

MBD-X9SRW-F • X9SRW-F	<input type="checkbox"/>	Chassis (Optimized for X9SRW-F)
Physical Stats	<input type="checkbox"/>	
<input type="checkbox"/>		
Form Factor • Proprietary	1U Chassis	- CSE-514-R400W - CSE-514-R400W - CSE-815TQ-600WB - CSE-815TQ-R500WB
Dimensions • 8.15" x 13.05", (20.7cm x 33.1cm)	2U Chassis	- CSE-825TQ-R500WB
Processor/Cache	Tower / 4U Rackmount	- CSE-847A-R1K28WB - CSE-847E16-R1K28WB - CSE-847E26-R1K28WB
<input type="checkbox"/>		
CPU	Important Chassis Notes	- To support motherboards based on Intel® Xeon® processor 5500/3500 series, Revision K or later chassis is recommended for most models. Please talk to your sales representative for details.
- Single Socket R (LGA 2011) - Intel® Xeon® processor E5-2600/1600 and E5-2600/1600 v2 family† (up to 12 cores and up to 135W) † BIOS version 3.0 or above is required		
Note	Expansion Slots	
† E5-1600 series CPU does not support LRDIMM type memory	<input type="checkbox"/>	
System Memory	PCI-Express	- 2 (x16) PCI-E 3.0 slots - 1 (x8) PCI-E 3.0 (in x16) slot
<input type="checkbox"/>		
Memory Capacity	System BIOS	
- 8x 240-pin DDR3 DIMM slots - Up to 512GB DDR3 ECC LRDIMM	<input type="checkbox"/>	
Memory Type	BIOS Type	- 64Mb SPI Flash EEPROM with AMI BIOS - Plug and Play (PnP) - APM 1.2 - DMI 2.3 - PCI 2.3
- Up to 256GB DDR3 ECC RDIMM - Up to 64GB DDR3 ECC/non-ECC UDIMM	BIOS Features	- ACPI 1.0 / 2.0 / 3.0 / 4.0 - USB Keyboard support - Hardware BIOS Virus protection - SMBIOS 2.7.1 - UEFI 2.3.1 - RTC (Real Time Clock) Wakeup
Memory Type		
- 1866/1600/1333/1066MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs		
DIMM Sizes		
- 32GB, 16GB, 8GB, 4GB, 2GB, 1GB, 64GB LRDIMM		
Memory Voltage		
- 1.5 V, 1.35 V		
Error Detection	Management	
- Corrects single-bit errors - Detects double-bit errors (using ECC memory)	<input type="checkbox"/>	
On-Board Devices		
<input type="checkbox"/>		
Chipset	Software	- IPMI (Intelligent Platform Management Interface) v1.5 / 2.0 with KVM support - SuperDoctor® III - Watch Dog - NMI
- Intel C602 chipset - SATA 2.0 3Gb/s with RAID 0, 1, 5, 10	Power Configurations	- ACPI / APM Power Management - Keyboard Wakeup from Soft-Off - CPU Fan auto-off in sleep mode - Power-on mode for AC power recovery
SATA		
- SATA 3.0 6Gb/s with RAID 0, 1, 5, 10		
IPMI	PC Health Monitoring	
- Support for Intelligent Platform Management Interface v.2.0 - IPMI 2.0 with virtual media over LAN and KVM-over-LAN support - Nuvoton WPCM450RA0BX - Intel® i350 Dual Port Gigabit Ethernet	<input type="checkbox"/>	
Network Controllers	Voltage	- Monitors for CPU Cores, +3.3V, +5V, ±12V, +5V Standby, VBAT, HT, Memory, Chipset Voltages. - Total of five 4-pin fan headers supporting up to 5 fans - 5 fans w/ tachometer status monitoring
- Virtual Machine Device Queues reduce I/O overhead - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output	FAN	- Status monitor for speed control - Status monitor for on/off control - Low noise fan speed control - Pulse Width Modulated (PWM) fan connectors
Video	Temperature	- Monitoring for CPU and chassis environment - CPU thermal trip support - I°C temperature sensing logic - Thermal Monitor 2 (TM2) support - PECI
- Matrox G200eW 16MB DDR2 graphics controllers	LED	- CPU / System Overheat LED - Suspend static indicator LED - UID/Remote UID
Input / Output	Other Features	- Chassis intrusion detection - Chassis intrusion header - Chipkill support - RoHS, Halogen Free
<input type="checkbox"/>		
SATA		
- 2x SATA3 (6Gbps) ports - 4x SATA2 (3Gbps) ports		
SCU		
- 4x SATA ports (3Gbps) via SCU - 2x RJ45 Gigabit Ethernet LAN ports		
LAN		
- 1x RJ45 Dedicated IPMI LAN port - 8x USB 2.0 ports total (4 rear + 4 via header)		
USB		
- 1x VGA port		
Video		
Serial Port / Header		
- 1x serial port		
DOM		
- 1x DOM (Disk on Module) power connector		
TPM		
- 1x TPM Header		
OS Compatibility		
<input type="checkbox"/>		

• Please reference the [OS Compatibility Chart](#) for details

