

Supermicro MBD-X9DBU-iF, Dual SKT, Intel C602 Chipset, SATA, 2xGbE, IPMI

Kod producenta: MBD-X9DBU-iF-O



Form Factor	ATX
Dimensions	12" x 13"
CPU Socket	LGA 1356 (Socket B2)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2400v2 Intel Xeon E5-2400
Chipset	Intel C602 Patsburg
Memory Type	DDR3 ECC LRDIMM DDR3 ECC RDIMM DDR3 ECC UDIMM DDR3 non-ECC UDIMM
Memory Speed	1600 MHz 1333 MHz 1066 MHz 800 MHz
# of DIMM's	12
Max Memory Size	768 GB
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 2.0 (rear) 4 x USB 2.0 (header) 2 x USB 2.0 Type A
# 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	1 x Fast UART 16550 (rear) 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 WPCM450
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: Riser card support:1x PCI-E 3.0 x24 Left side 1x PCI-E 3.0 x8 Right side

Product SKUs	Chassis (Optimized for X9DBU-IF)
MBD-X9DBU-IF -B	• X9DBU-IF (Bulk Pack)
Physical Stats	1U Chassis
Form Factor	2U Chassis
Dimensions	Tower / 4U Rackmount
Processor/Cache	• Intel® Xeon® processor E5-2400 and E5-2400 v2 (up to 95W TDP **)
CPU	• Dual Socket B2 (LGA 1356)
Cache	• Up to 25MB
System Bus	• QPI up to 8 GT/s
System Memory	** Motherboard supports this maximum TDP. Please verify your system can thermally support
Memory Capacity	• 12x 240-pin DDR3 DIMM slots
Memory Type	• Up to 768GB DDR3 ECC LRDIMM
DIMM Sizes	• Up to 384GB DDR3 ECC Registered memory (RDIMM)
Memory Voltage	• Up to 96GB DDR3 ECC/non-ECC Un-Buffered memory (UDIMM)
Error Detection	• 1600/1333/1066/800MHz* ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs
On-Board Devices	• Support ECC and non-ECC UDIMMs
Chipset	• Intel® C602 chipset
AHCI SATA	• SATA 2.0 3Gbps with RAID 0, 1, 5, 10
SCU SATA	• SATA 3.0 6Gbps with RAID 0, 1, 5, 10
IPMI	• Support for Intelligent Platform Management Interface v2.0
Network Controllers	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Video	• Nuoton WPCM450 BMC
Input / Output	• Intel® i350 Dual Port Gigabit Ethernet
AHCI SATA	• Virtual Machine Device Queues reduce I/O overhead
SCU SATA	• Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
LAN	• 1x Realtek RTL8201F PHY (dedicated IPMI)
USB	• Matrox G200eW
Video	• 2x SATA 3.0 ports (6Gbps)
Keyboard/Mouse	• 4x SATA 2.0 ports (3Gbps)
Serial Port / Header	• 4x SATA 2.0 ports (3Gbps)
DOM	• 2x RJ45 Gigabit Ethernet LAN ports
TPM	• 1x RJ45 Dedicated IPMI LAN port
	• 6x USB 2.0 ports total (2 rear + 4 via header + 2 Type A)
	• 1x VGA port
	• PS/2 Keyboard/Mouse ports
	• 2x Fast UART 16550 ports / 1 rear and 1 header
	• 1 DOM (Disk on Module) power connector
	• 1 TPM Header
	• To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
	SuperServer(s) with X9DBU-IF
	Model(s)
	• SYS-1027B-1URE
	• SYS-6027B-1URE
	• SYS-6017B-1URE
	• SYS-6017B-1NTE
	Expansion Slots
	• 1x PCI-E 3.0 x4 (left hand side riser card support)
	• 1x PCI-E 3.0 x8 (right hand side riser card support)
	PCI-Express
	(Both CPUs need to be installed for full access to PCI-E slots and onboard controllers. See manual block diagram for details.)
	System BIOS
	BIOS Type
	• 64Mb SPI Flash EEPROM with AMI BIOS
	BIOS Features
	• Plug and Play (PnP)
	• ACPI 1.2
	• PCI 2.3
	• ACPI 1.0 / 2.0 / 3.0 / 4.0
	• BIOS rescue hot keys
	• USB Keyboard support
	• SMBIOS 2.7.1
	• UEFI 2.3.1
	Management
	• SuperDoctor® III
	• Watch Dog
	• NMI
	• IPMI 1.5 / 2.0
	• ACPI / APM Power Management
	• Power-on mode for AC power recovery
	Power Configuration
	PC Health Monitoring
	• Monitors for CPU Cores, +1.1V, +1.5V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, 4 Memory Voltages.
	Voltage
	• 5+1 Phase-switching voltage regulator
	• 6x 4-pin fan headers with tachometer monitoring
	FAN
	• Status monitor for speed control
	• Status monitor for on/off control
	• Low noise fan speed control
	• Pulse Width Modulated (PWM) fan connectors
	• Monitoring for CPU and chassis environment
	• CPU thermal trip support
	Temperature
	• Thermal Control for 6x Fan Connectors
	• Thermal Monitor 2 (TM2) support
	• PECI
	• CPU / System Overheat LED indicator
	LED
	• Suspend static indicator LED
	• UID/Remote UID
	• Chassis intrusion detection
	• Chassis intrusion header
	Other Features
	• SDDC Support
	• RoHS
	• Dual cooling zones
	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-x9dbu-if-dual-skt-intel-c602-chipset-sata-2xgbe-ipmi-p-3017.html>