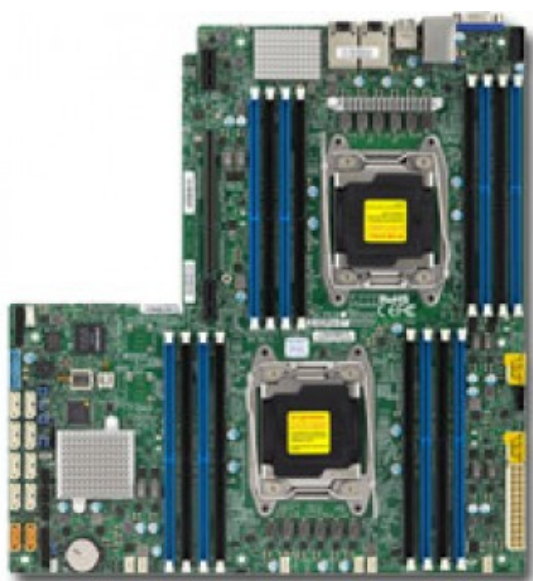


Supermicro MBD-X10DRW-E, Dual SKT, Intel C612 Chipset, SATA, 2xGbE, IPMI Bulk

Kod producenta: MBD-X10DRW-E-B



Category	Server
Form Factor	WIO Proprietary
Dimensions	12.3" x 13"
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
Chipset	Intel C612 Wellsburg
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2400 MHz 2133 MHz 1866 MHz 1600 MHz
# of DIMM's	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2400
# of USB Ports	2 x USB 3.0 (header) 4 x USB 2.0 (rear)
# of SATA Ports	10
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 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 i350 Dual Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Uwagi	1 PCI-E 3.0 x32 Left Riser Slot

Product SKUs	Chassis (Optimized for X10DRW-E)	
MBD-X10DRW-E -B	• X10DRW-E (Bulk Pack)	<ul style="list-style-type: none"> SC116TO-R700WB SC113TO-R700WB SC815TO-600WB
MBD-X10DRW-E -O	• X10DRW-E (Retail Pack)	<ul style="list-style-type: none"> SC113TO-600WB SC815TO-R706WB SC514-R400W SC825TO-R740WB SC826BA-R920WB SC213A-R740WB SC826BAC4-R920WB SC216BA-R920WB
Physical Stats		
Form Factor	• Proprietary WIO	
Dimensions	• 12.3" x 13" (31.2cm x 33.0cm)	
Processor/Cache		
CPU	• Intel® Xeon® processor E5-2600 v4 / v3 family (up to 145W TDP**) • Dual Socket R3 (LGA 2011)	Important Chassis Notes
Cores / Cache	• Up to 22 Cores / Up to 55MB Cache	• To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis recommended. Please talk to your sales representative for details.
System Bus	• QPI up to 9.6 GT/s	
Note	* BIOS version 2.0 or above is required	SuperServer(s) with X10DRW-E
Note	** Motherboard supports this maximum TDP. Please verify your system can thermally support.	Model(s) • SYS-1028R-WMR
System Memory		Expansion Slots
Memory Capacity	• 16x 288-pin DDR4 DIMM slots • Up to 2TB ECC 3DS LRDIMM, 512GB ECC RDIMM	PCI-Express
Memory Type	• 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	• Riser card support: Left side - 1 PCI-E 3.0 x32
DIMM Sizes	• RDIMM: 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB	System BIOS
Memory Voltage	• 1.2 V	BIOS Type
Error Detection	• Corrects single-bit errors	• 128Mb SPI Flash EEPROM with AMI BIOS
On-Board Devices		• Plug and Play (PnP)
Chipset	• Intel® C612 chipset	• PCI 2.3
AHCI SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10	BIOS Features
SCU SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10	• ACPI 1.0 / 2.0 / 3.0 / 4.0
IPMI	• Support for Intelligent Platform Management Interface v.2.0	• USB Keyboard support
IPMI	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC	• SMBIOS 2.7.1
Network Controllers	• Intel® i350-AM2 Dual Port Gigabit Ethernet Controller	• UEFI 2.3.1
Video	• Virtual Machine Device Queues reduce I/O overhead • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output	
Video	• 1x Realtek RTL8211E PHY (dedicated IPMI)	
Video	• ASPEED AST2400 BMC	
Input / Output		Management
SATA	• 10x SATA3 (6Gbps) ports	• SuperDoctor@ 5
LAN	• 2x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port	Software
USB	• 2x USB 3.0 ports (via header) • 4x USB 2.0 ports (rear)	• Intel® Node Manager 3.0
Video	• 1x VGA port	• Watch Dog
Serial Port / Header	• 1x Header	• NMI
DOM	• 2x SuperDOM (Disk on Module) ports	• IPMI 1.5 / 2.0
TPM	• 1x TPM Header	• ACPI Power Management
		• Power-on mode for AC power recovery
		PC Health Monitoring
		Voltage
		• Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages.
		FAN
		• 6 Phase-switching voltage regulator
		• 6x 4-pin fan headers (up to 6 fans)
		• 6x fans with tachometer monitoring
		• Status monitor for speed control
		• Pulse Width Modulated (PWM) fan connectors
		• Monitoring for CPU and chassis environment
		• CPU thermal trip support
		• Thermal Control for 6x Fan Connectors
		• Thermal Monitor 2 (TM2) support
		• PECL
		• CPU / System Overheat LED
		• Suspend static indicator LED
		• UID/Remote UID
		• Chassis intrusion detection
		• Chassis intrusion header
		• SDDC Support
		• RoHS
		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-x10drw-dual-skt-intel-c612-chipset-sata-2xgbe-ipmi-bulk-p-2785.html>