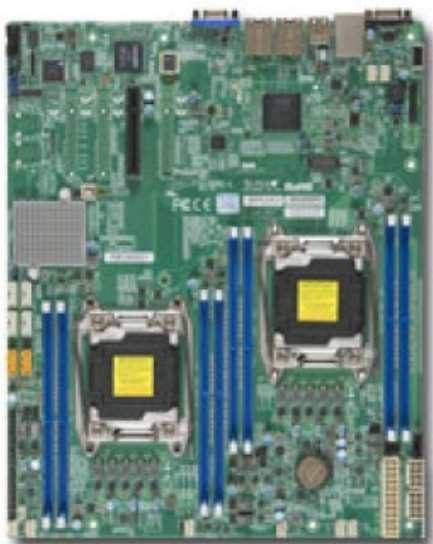


Supermicro MBD-X10DRD-L, Dual SKT, Intel C612 Chipset, SATA, 2xGbE, IPMI Bulk

Kod producenta: MBD-X10DRD-L-B



Category	Server
Form Factor	E-ATX
Dimensions	13" x 10.5"
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v3 Intel Xeon E5-2600v4
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	8
Max Memory Size	1024 GB
Integrated GPU	Aspeed AST2400
# of PCIe x8 3.0	1
# of USB Ports	4 x USB 2.0 (rear) 2 x USB 2.0 (header) 1 x USB 2.0 Type A
# of SATA Ports	6
# of SATA DOM power	2
Storage Controllers	6 x AHCI iSATA 6Gb/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 Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header

Product SKUs	Chassis (Optimized for X10DRD-L)
MBD-X10DRD-L -O	• X10DRD-L (Standard Retail Pack)
MBD-X10DRD-L -B	• X10DRD-L (Bulk Pack)
Physical Stats	
Form Factor	• E-ATX
Dimensions	• 13.05" x 10.5" (33.1cm x 26.7cm)
Processor/Cache	
CPU	• Intel® Xeon® processor E5-2600 v4 / v3 family (up to 145W TDP **)
Cores / Cache	• Up to 22 Cores / Up to 55MB Cache
System Bus	• QPI up to 9.6 GT/s
Note	[†] BIOS version 2.0 or above is required
Note	** Motherboard supports this maximum TDP. Please verify your system can thermally support.
System Memory	
Memory Capacity	• 8x 288-pin DDR4 DIMM slots
Memory Type	• Up to 1TB [†] ECC 3DS LRDIMM, 512GB ECC RDIMM
DIMM Sizes	• 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit
Memory Voltage	• RDIMM: 32GB, 16GB, 8GB, 4GB
Error Detection	• LRDIMM: 64GB, 32GB
	• 3DS LRDIMM: 128GB
On-Board Devices	
Chipset	• Intel® C612 chipset
AHCI SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10
IPMI	• Support for Intelligent Platform Management Interface v.2.0
Network Controllers	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Video	• ASPEED AST2400 BMC
	• Intel® i350 Dual Port Gigabit Ethernet
	• Virtual Machine Device Queues reduce I/O overhead
	• Supports 10Base-T, 100BASE-TX, and 1000BASE-T, RJ45 output
	• 1x Realtek RTL8211E PHY (dedicated IPMI)
	• ASPEED AST2400 BMC
Input / Output	
SATA	• 6x SATA3 (6Gbps) ports
LAN	• 2x RJ45 Gigabit Ethernet LAN ports
USB	• 1x RJ45 Dedicated IPMI LAN port
Video	• 7x USB 2.0 ports total (4 rear, 2 via headers, 1 Type A)
Serial Port / Header	• 1x VGA port
DOM	• 2x COM Ports (1 rear, 1 header)
TPM	• 2x SuperDOM (Disk on Module) ports
	• 1x TPM Header
	1U Chassis:
	• SC514-441
	• SC514-R400C
	• SC514-505
	• SC813LT-350CB
	• SC813LT-R500CB
	• To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
Important Chassis Notes	
SuperServer(s) with X10DRD-L	
Model(s)	• SYS-6018R-MD
	• SYS-6018R-MDR
	• SYS-6018R-TD
Expansion Slots	
PCI-Express	• 1x PCI-E 3.0 x8 slot
System BIOS	
BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS
BIOS Features	• Plug and Play (PnP)
	• PCI 2.3
	• ACPI 1.0 / 2.0 / 3.0 / 4.0
	• USB Keyboard support
	• SMBIOS 2.7.1
	• UEFI 2.3.1
Management	
Software	• Intel Node Manager
	• IPMI 2.0
	• NMI
	• SuperDoctor® 5
	• Watch Dog
Power Configurations	• ACPI Power Management
	• Power-on mode for AC power recovery
PC Health Monitoring	
Voltage	• Monitors for CPU Cores, +3.3V, +5V, +12V, +5V Standby, +3.3V Standby, VBAT, Memory Voltages.
	• 4 Phase-switching voltage regulator
	• 8x 4-pin fan headers (up to 8 fans)
	• 8x fans with tachometer monitoring
FAN	• Status monitor for speed control
	• Pulse Width Modulated (PWM) fan connectors
	• Monitoring for CPU and chassis environment
Temperature	• CPU thermal trip support
	• Thermal Control for 8x Fan Connectors
	• Thermal Monitor 2 (TM2) support
	• PECI
	• CPU / System Overheat LED
LED	• Suspend static indicator LED
	• UID/Remote UID
Other Features	• 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-x10drd-dual-skt-intel-c612-chipset-sata-2xgbe-ipmi-bulk-p-2538.html>