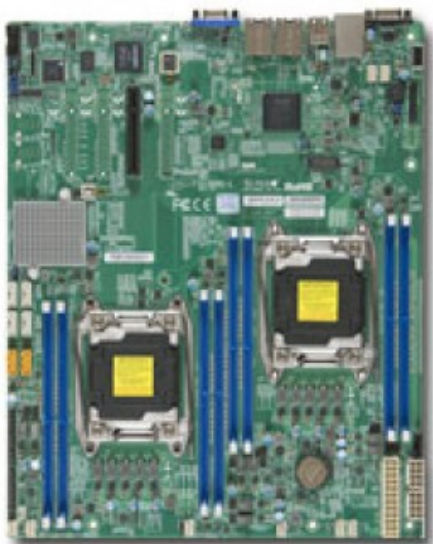


# Supermicro MBD-X10DRD-L, Dual SKT, Intel C612 Chipset, SATA, 2xGbE, IPMI

Kod producenta: MBD-X10DRD-L-O



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	<ul style="list-style-type: none"> <li>• <a href="#">SC514-441</a></li> <li>• <a href="#">SC514-R400C</a></li> </ul>
Physical Stats	1U Chassis: <ul style="list-style-type: none"> <li>• <a href="#">SC514-505</a></li> <li>• <a href="#">SC813LT-350CB</a></li> <li>• <a href="#">SC813LT-R500CB</a></li> <li>• To support the new generation Intel® Xeon® processor-based motherboards, <b>Revision M</b> chassis is recommended. Please talk to your sales representative for details.</li> </ul>
Form Factor • E-ATX	Important Chassis Notes
Dimensions • 13.05" x 10.5" (33.1cm x 26.7cm)	
Processor/Cache	SuperServer(s) with X10DRD-L
CPU	<ul style="list-style-type: none"> <li>• Intel® Xeon® processor E5-2600 v4<sup>1</sup> / v3 family (up to 145W TDP <b>**</b>)</li> <li>• Dual Socket R3 (LGA 2011)</li> </ul>
Cores / Cache	Model(s) <ul style="list-style-type: none"> <li>• <a href="#">SYS-6018R-MD</a></li> <li>• <a href="#">SYS-6018R-MDR</a></li> <li>• <a href="#">SYS-6018R-TD</a></li> </ul>
System Bus	Expansion Slots
Note	PCI-Express • 1x PCI-E 3.0 x8 slot
Note	System BIOS
	<ul style="list-style-type: none"> <li>• 128Mb SPI Flash EEPROM with AMI BIOS</li> <li>• Plug and Play (PnP)</li> <li>• PCI 2.3</li> </ul>
System Memory	BIOS Features
Memory Capacity	<ul style="list-style-type: none"> <li>• ACPI 1.0 / 2.0 / 3.0 / 4.0</li> <li>• USB Keyboard support</li> <li>• SMBIOS 2.7.1</li> <li>• UEFI 2.3.1</li> </ul>
Memory Type	Management
DIMM Sizes	<ul style="list-style-type: none"> <li>• Intel Node Manager</li> <li>• IPMI 2.0</li> <li>• NMI</li> <li>• <a href="#">SuperDoctor® 5</a></li> <li>• Watch Dog</li> </ul>
Memory Voltage	Software
Error Detection	<ul style="list-style-type: none"> <li>• ACPI Power Management</li> <li>• Power-on mode for AC power recovery</li> </ul>
On-Board Devices	PC Health Monitoring
Chipset	<ul style="list-style-type: none"> <li>• Monitors for CPU Cores, +3.3V, +5V, +12V, +5V Standby, +3.3V Standby, VBAT, Memory Voltages.</li> <li>• 4 Phase-switching voltage regulator</li> </ul>
AHCI SATA	Voltage
IPMI	<ul style="list-style-type: none"> <li>• 8x 4-pin fan headers (up to 8 fans)</li> <li>• 8x fans with tachometer monitoring</li> </ul>
Network Controllers	FAN
Video	<ul style="list-style-type: none"> <li>• Status monitor for speed control</li> <li>• Pulse Width Modulated (PWM) fan connectors</li> <li>• Monitoring for CPU and chassis environment</li> <li>• CPU thermal trip support</li> </ul>
Input / Output	Temperature
SATA	<ul style="list-style-type: none"> <li>• Thermal Control for 8x Fan Connectors</li> <li>• Thermal Monitor 2 (TM2) support</li> <li>• PECI</li> <li>• CPU / System Overheat LED</li> <li>• Suspend static indicator LED</li> <li>• UID/Remote UID</li> </ul>
LAN	LED
USB	Other Features
Video	• RoHS
Serial Port / Header	Operating Environment
DOM	Operating Temperature Range
TPM	<ul style="list-style-type: none"> <li>• 10°C - 35°C (50°F - 95°F)</li> </ul>
	Non-Operating Temperature Range
	<ul style="list-style-type: none"> <li>• -40°C - 70°C (-40°F - 158°F)</li> </ul>
	Operating Relative Humidity Range
	<ul style="list-style-type: none"> <li>• 8% - 90% (non-condensing)</li> </ul>
	Non-Operating Relative Humidity Range

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10drd-dual-skt-intel-c612-chipset-sata-2xgbe-ipmi-p-1342.html>