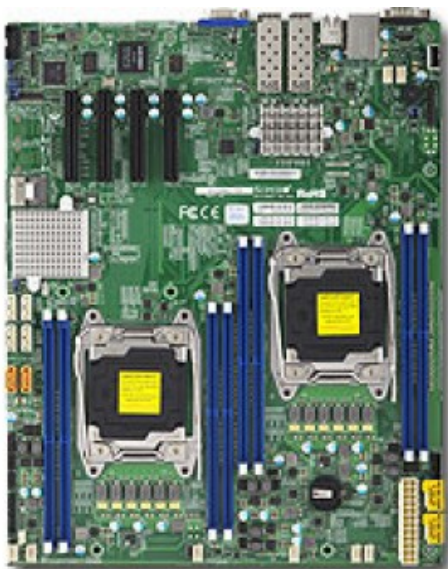


Supermicro MBD-X10DRD-iTP, Dual SKT, Intel C612 Chipset, SATA, 2x10Gb SFP+, IPMI Bulk

Kod producenta: MBD-X10DRD-iTP-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	4
# 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	10
# of SATA DOM power	2
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 (rear) 1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x SFP+
Network Controllers	Intel 82599ES Dual port 10Gigabit SFP+
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header

Product SKUs		
MBD-X10DRD-ITP -O Pack)	Chassis (Optimized for X10DRD-ITP)	
MBD-X10DRD-ITP -B	1U Chassis:	<ul style="list-style-type: none"> • SC815TQ-R500CB • SC514-505 • SC514-441 • SC514-R400C
Physical Stats		<ul style="list-style-type: none"> • To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details. • Optional I/O shield MCP-260-00095-0N will require in 1U chassis
Form Factor	E-ATX	Important Chassis Notes
Dimensions	13.05" x 10.5" (33.1cm x 26.7cm)	
Processor/Cache		
CPU	<ul style="list-style-type: none"> • Intel® Xeon® processor E5-2600 v4/v3 family (up to 145W TDP**) • Dual Socket R3 (LGA 2011) 	Expansion Slots
Cores / Cache	Up to 22 Cores / Up to 55MB Cache	PCI-Express
System Bus	QPI up to 9.6 GT/s	• 4x PCI-E 3.0 x8 slots
Note	† BIOS version 2.0 or above is required	System BIOS
Note	** Motherboard supports this maximum TDP. Please verify your system can thermally support.	BIOS Type
System Memory		• 128Mb SPI Flash EEPROM with AMI BIOS
Memory Capacity	<ul style="list-style-type: none"> • 8x 288-pin DDR4 DIMM slots • Up to 1TB¹ ECC 3DS LRDIMM, 512GB ECC RDIMM 	BIOS Features
Memory Type	DDR4 SDRAM 72-bit	• Plug and Play (PnP)
DIMM Sizes	<ul style="list-style-type: none"> • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB 	• PCI 2.3
Memory Voltage	1.2 V	• ACPI 1.0 / 2.0 / 3.0 / 4.0
Error Detection	Corrects single-bit errors	• USB Keyboard support
On-Board Devices		• SMBIOS 2.7.1
Chipset	Intel® C612 chipset	• UEFI 2.3.1
AHCI SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10	Management
SCU SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10	• Intel Node Manager
IPMI	<ul style="list-style-type: none"> • Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC • Intel® 82599ES Dual port 10G SFP+ • Virtual Machine Device Queues reduce I/O overhead 	• IPMI 2.0
Network Controllers	<ul style="list-style-type: none"> • Supports 10G SFP+ • 1x Realtek RTL8201N PHY (dedicated IPMI) 	• NMI
Video	ASPEED AST2400 BMC	• SuperDoctor® 5
Input / Output		• Watch Dog
SATA	10x SATA3 (6Gbps) ports	• ACPI Power Management
LAN	<ul style="list-style-type: none"> • 2x 10 Gigabit Ethernet SFP+ ports • 1x RJ45 Dedicated IPMI LAN port 	• Power-on mode for AC power recovery
USB	<ul style="list-style-type: none"> • 7x USB 2.0 ports total (4 rear, 2 via headers, 1 Type A) • 1x VGA port 	PC Health Monitoring
Video	1x VGA port	Voltage
Serial Port / Header	2x COM Ports (1 rear, 1 header)	• Monitors for CPU Cores, +3.3V, +5V, +12V, +5V Standby, +3.3V Standby, VBAT, Memory Voltages.
DOM	2x SuperDOM (Disk on Module) ports	• 6 Phase-switching voltage regulator
TPM	1x TPM Header	• 8x 4-pin fan headers (up to 8 fans)
		• 8x 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 8x Fan Connectors
		• Thermal Monitor 2 (TM2) support
		• PECI
		• CPU / System Overheat 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-itp-dual-skt-intel-c612-chipset-sata-2x10gb-sfp-ipmi-bulk-p-2537.html>