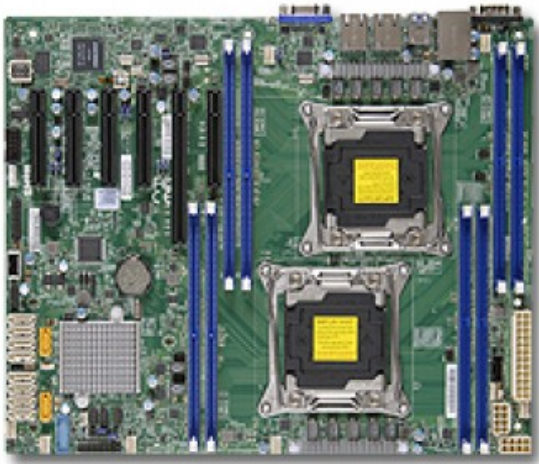


Supermicro MBD-X10DRL-i, Dual SKT, Intel C612 Chipset, SATA, 2xGbE, IPMI Bulk

Kod producenta: MBD-X10DRL-i-B



Category	Server
Form Factor	ATX
Dimensions	12" x 10"
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 x16 3.0	1
# of PCIe x4 3.0	1
# of PCIe x8 3.0	3
# of PCIe x4 2.0	1
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 2 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	1
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 1GbE Ports	2 x RJ45
Network Controllers	Intel i210 Dual Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x16 slot 3x PCI-E 3.0 x8 slots 1x PCI-E 3.0 x4 (in x8) slot 1x PCI-E 2.0 x4 (in x8) slot

Product SKUs		Chassis (Optimized for X10DRL-i)	
MBD-X10DRL-i • X10DRL-i (Standard Retail Pack) -O		• SC514-505 • SC813MFTQ-R606CB • SC813MFTQ-R400CB • SC813MFTQ-441CB • SC514-R400C • SC825TO-563LPB • SC825TO-R740LPB • SC213LT-600LPB • SC826TO-R500LPB • SC823TO-653LPB • SC836TO-R500B • SC833T-653B	
Physical Stats		1U Chassis: • SC732D4F-903B • SC732i-500B	
Form Factor • ATX		2U Chassis: • SC842TO-665B • SC842TO-865B	
Dimensions • 12" x 10" (30.48cm x 25.4cm)		3U Chassis: • To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.	
Processor/Cache		Mid/Mini Tower Chassis:	
CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP^{**}) • Dual Socket R3 (LGA 2011)		4U / Tower Chassis: • To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.	
Cores / Cache		Important Chassis Notes	
System Bus • Up to 22 Cores[†] / Up to 55MB[†] Cache • QPI up to 9.6 GT/s • BIOS version 2.0 or above is required			
Note • ** Motherboard supports this maximum TDP. Please verify your system can thermally support.			
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System Memory		SuperServer(s) with X10DRL-i	
Memory Capacity • 8x 288-pin DDR4 DIMM slots • Up to 1TB[†] ECC 3DS LRDIMM, 512GB ECC RDIMM		Model(s) • SYS-6018R-MT • SYS-6018R-MTR	
Memory Type • 2400[†]/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB		Expansion Slots	
DIMM Sizes • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB		PCI-Express • 3 PCI-E 3.0 x8 • 1 PCI-E 3.0 x16 • 1 PCI-E 3.0 x4 (in x8) • 1 PCI-E 2.0 x4 (in x8)	
Memory Voltage • 1.2 V		System BIOS	
Error Detection • Corrects single-bit errors		BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • PCI 2.3	
On-Board Devices		BIOS Features	
Chipset • Intel® C612 chipset		Features • ACPI 3.0 / 4.0 • USB Keyboard support • SMBIOS 2.7.1 • UEFI 2.3.1	
AHCI SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10		Management	
SCU SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v.2.0		Software • SuperDoctor® 5 • Intel® Node Manager 3.0 • Watch Dog • IPMI 2.0	
IPMI • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC • Intel® i210 Gigabit Ethernet controller		Power Configurations • ACPI Power Management • Power-on mode for AC power recovery	
Network Controllers • Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI)			
Video • ASPEED AST2400 BMC			
Input / Output		PC Health Monitoring	
SATA • 10x SATA3 (6Gbps) ports		Voltage • Monitors for CPU Cores, +3.3V, +5V, +12V, +5V Standby, VBAT, Memory Voltages. • 5 Phase-switching voltage regulator • 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	
LAN • 2x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port • 4x USB 3.0 ports (2 rear + 2 via header)		FAN • Monitoring for CPU and chassis environment • CPU thermal trip support • Thermal Control for 8x Fan Connectors • Thermal Monitor 2 (TM2) support • PECI	
USB • 5x USB 2.0 ports (2 rear + 2 via header + 1 Type A)		Temperature • CPU / System Overheat LED • Suspend static indicator LED • UID/Remote UID • Chassis intrusion detection • Chassis intrusion header • RoHS • Dual Cooling Zones	
Video • 1x VGA port		LED • CPU / System Overheat LED • Suspend static indicator LED • UID/Remote UID • Chassis intrusion detection • Chassis intrusion header • RoHS • Dual Cooling Zones	
Serial Port / Header • 2x Fast UART 16550 port / 1 Header		Other Features • Chassis intrusion detection • Chassis intrusion header • RoHS • Dual Cooling Zones	
DOM • DOM (Disk on Module) power connector		Operating Environment	
TPM • 1x TPM Header		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 • 8% - 90% (non-condensing)	

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10drl-dual-skt-intel-c612-chipset-sata-2xgbe-ipmi-bulk-p-2553.html>