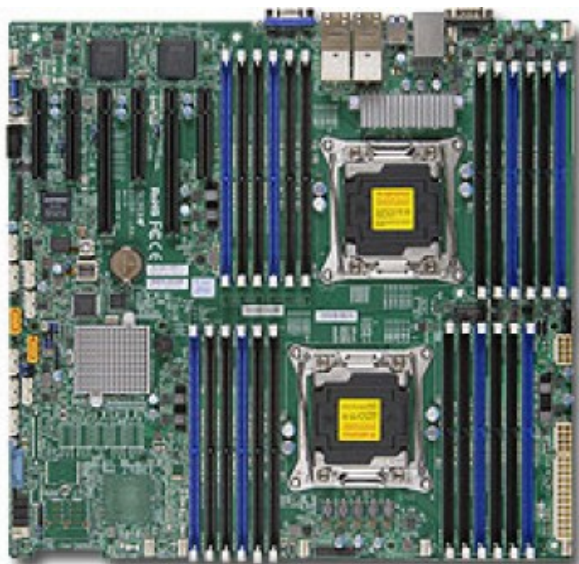


Supermicro MBD-X10DRi-LN4+, Dual SKT, Intel C612 Chipset, SATA, 4xGbE, IPMI Bulk

Kod producenta: MBD-X10DRi-LN4+-B



Category	Server
Form Factor	EE-ATX
Dimensions	13.7" x 13"
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	24
Max Memory Size	3072 GB
Integrated GPU	Aspeed AST2400
# of PCIe x16 3.0	2
# of PCIe x8 3.0	3
# of PCIe x4 2.0	1
# of USB Ports	2 x USB 3.0 (rear) 1 x USB 3.0 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 1GbE Ports	4 x RJ45
Network Controllers	Intel i350 Quad 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: 2x PCI-E 3.0 x16 slots 3x PCI-E 3.0 x8 slots 1x PCI-E 2.0 x4 (in x8) slot

<p>Product SKUs</p> <hr/> <p>MBD-X10DRi-LN4+ • X10DRi-LN4+ (Retail Pack) -0</p> <p>Physical Stats</p> <hr/> <p>Form Factor • Enhanced Extended ATX Dimensions • 13.68" x 13" (34.74cm x 33cm)</p> <p>Processor/Cache</p> <hr/> <p>CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP**) • Dual Socket R3 (LGA 2011)</p> <p>Cores / Cache • Up to 22 Cores[†] / Up to 55MB[†] Cache</p> <p>System Bus • QPI up to 9.6 GT/s</p> <p>Note [†] BIOS version 2.0 or above is required</p> <p>Note ** Motherboard supports this maximum TDP. Please verify your system can thermally support.</p> <p>System Memory</p> <hr/> <p>Memory Capacity • 24x 288-pin DDR4 DIMM slots • Up to 3TB[†] ECC 3DS LRDIMM, 768GB ECC RDIMM</p> <p>Memory Type • 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit</p> <p>DIMM Sizes • RDIMM: 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB</p> <p>Memory Voltage • 1.2 V</p> <p>Error Detection • Corrects single-bit errors</p> <p>On-Board Devices</p> <hr/> <p>Chipset • Intel® C612 chipset</p> <p>AHCI SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10</p> <p>SCU SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10</p> <p>• Support for Intelligent Platform Management Interface v.2.0</p> <p>IPMI • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC</p> <p>• Intel® i350 Quad Port Gigabit Ethernet</p> <p>Network Controllers • Virtual Machine Device Queues reduce I/O overhead • Supports 10Base-T, 100BASE-TX, and 1000BASE-T, RJ45 output</p> <p>Video • ASPEED AST2400 BMC</p> <p>Input / Output</p> <hr/> <p>SATA • 10x SATA3 (6Gbps) ports</p> <p>LAN • 4x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port</p> <p>USB • 5x USB 3.0 (2 rear, 2 front panel, 1 Type A) • 4x USB 2.0 ports (2 rear, 2 front panel)</p> <p>Video • 1x VGA port</p> <p>Serial Port / Header • 2x Fast UART 16550 serial • 2x COM Ports (1 rear, 1 header)</p> <p>DOM • 2x SuperDOM (Disk on Module) ports</p> <p>TPM • 1x TPM Header</p>	<p>Chassis (Optimized for X10DRi-LN4+)</p> <hr/> <p>2U Chassis:</p> <ul style="list-style-type: none"> • SC216BAC-R920LPB • SC826BE1C-R920LPB • SC825TO-R740LPB • SC826BA-R920LPB • SC213A-R740LPB • SC216BE1C-R920LPB • SC826BE2C-R920LPB • SC216BE2C-R920LPB • SC836BE1C-R1K03B • SC835BTO-R1K28B <p>3U Chassis:</p> <ul style="list-style-type: none"> • SC835TO-R920B • SC836BA-R1K28B • SC836BA-R920B • SC847BE1C-R1K28LPB <p>4U / Tower Chassis:</p> <ul style="list-style-type: none"> • SC745TO-R920B • SC846BA-R920B • SC846BE1C-R1K28B <p>Important Chassis Notes</p> <p>• To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.</p> <p>Expansion Slots</p> <hr/> <p>PCI-Express</p> <ul style="list-style-type: none"> • 2 PCI-E 3.0 x16 • 3 PCI-E 3.0 x8 • 1 PCI-E 2.0 x4 (in x8) <p>System BIOS</p> <hr/> <p>BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS</p> <p>BIOS Features</p> <ul style="list-style-type: none"> • 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 <p>Management</p> <hr/> <p>Software</p> <ul style="list-style-type: none"> • Intel® Node Manager 3.0 • NMI • SPM • SUM • SuperDoctor® 5 • Watch Dog <p>Power Configurations</p> <ul style="list-style-type: none"> • ACPI Power Management • Power-on mode for AC power recovery <p>PC Health Monitoring</p> <hr/> <p>Voltage</p> <ul style="list-style-type: none"> • Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages. • 6 Phase-switching voltage regulator • 8x 4-pin fan headers (up to 8 fans) • 8x fans with tachometer monitoring <p>FAN</p> <ul style="list-style-type: none"> • Status monitor for speed control • Pulse Width Modulated (PWM) fan connectors <p>Temperature</p> <ul style="list-style-type: none"> • Monitoring for CPU and chassis environment • CPU thermal trip support • Thermal Control for 8x Fan Connectors • Thermal Monitor 2 (TM2) support • PECI <p>LED</p> <ul style="list-style-type: none"> • CPU / System Overheat LED • Suspend static indicator LED • UID/Remote UID <p>Other Features</p> <ul style="list-style-type: none"> • Chassis intrusion detection • Chassis intrusion header • SDDC Support • RoHS <p>Operating Environment</p> <hr/> <p>Operating Temperature Range</p> <ul style="list-style-type: none"> • 10°C - 35°C (50°F - 95°F) <p>Non-Operating Temperature Range</p> <ul style="list-style-type: none"> • -40°C - 70°C (-40°F - 158°F) <p>Operating Relative Humidity Range</p> <ul style="list-style-type: none"> • 8% - 90% (non-condensing) <p>Non-Operating Relative Humidity Range</p>
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Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10dri-ln4-dual-skt-intel-c612-chipset-sata-4xgbe-ipmi-bulk-p-2548.html>