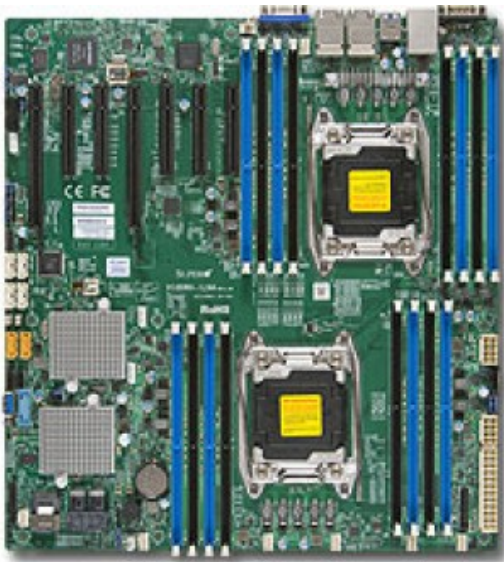


Supermicro MBD-X10DRH-CLN4, Dual SKT, Intel C612 Chipset, SATA, LSI 3008 SAS3, 4xGbE, IPMI

Kod producenta: MBD-X10DRH-CLN4-O



Category	Server
Form Factor	E-ATX
Dimensions	12" x 13"
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
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	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2400
# of PCIe x16 3.0	2
# of PCIe x4 3.0	1
# of PCIe x8 3.0	4
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A 4 x USB 2.0 (header)
# of SATA Ports	10
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s LSI 3008 12Gb/s
Integrated RAID	0,1,5,10
Hardware RAID	0,1,10
# 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: 1x PCI-E 3.0 x4 (in x8) slot

Product SKUs	Chassis (Optimized for X10DRH-CLN4)	
MBD-X10DRH-CLN4 -O	2U Chassis:	• SC826BE1C-R920LPB • SC826BE2C-R920LPB • SC826BAC4-R920LPB • SC216BE1C-R920LPB • SC216BE2C-R920LPB • SC836BE1C-R1K03B • SC836BE2C-R1K03B • SC835TQ-R920B
MBD-X10DRH-CLN4 -B		
Physical Stats	3U Chassis:	• SC732L-865B • SC732D4F-903B
Form Factor • E-ATX	Mid/Mini Tower	
Dimensions • 12" x 13" (30.5cm x 33.2cm)	Chassis:	
Processor/Cache	4U / Tower	• SC743TQ-1200B • SC847BE1C-R1K28LPB • SC847BE2C-R1K28LPB
CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP**)	Important Chassis Notes	To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
• Dual Socket R3 (LGA 2011)		
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	Expansion Slots	
Memory Capacity • 16x 288-pin DDR4 DIMM slots • Up to 2TB ¹ ECC 3DS LRDIMM, 512GB ECC RDIMM	PCI-Express • 2x PCI-E 3.0 x16 • 4x PCI-E 3.0 x8 • 1x PCI-E 3.0 x4 (in x8)	
Memory Type • 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	System BIOS	
DIMM Sizes • RDIMM: 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB	BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS • 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	
Memory Voltage Error Detection • 1.2 V • Corrects single-bit errors	BIOS Features	
On-Board Devices	Management	
Chipset • Intel® C612 chipset	Software • Intel® Node Manager 3.0 • IPML 2.0 • NMI • SPM • SSM • SUM • SuperDoctor® III • SuperDoctor® 5 • Watch Dog	
AHCI SATA SCU SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10 • SATA3 (6Gbps); RAID 0, 1, 5, 10 • LSI 3008 SAS3 (12Gbps) controller; SW RAID 0, 1, 10 • JBOD support (IT Mode) • Support for Intelligent Platform Management Interface v.2.0		
SAS • IPMI • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC	Power Configurations • ACPI / APM Power Management • Power-on mode for AC power recovery	
Network Controllers • Intel® i350 Quad Gigabit Ethernet LAN • Virtual Machine Device Queues reduce I/O overhead	PC Health Monitoring	
Video • ASPEED AST2400 BMC	Voltage • 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 • 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	
Input / Output		
SATA • 10x SATA3 (6Gbps) ports	FAN	Other Features • Chassis intrusion detection • Chassis intrusion header • SDDC Support • RoHS
SAS • 8x SAS3 (12Gbps) ports		
LAN • 4x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port	Temperature	LED
USB • 5x USB 3.0 ports (2 rear + 2 via header + 1 Type A) • 4x USB 2.0 ports (4 via headers)		
Video • 1x VGA Connector	Connectors	Operating Environment
Serial Port / Header • 1x Fast UART 16550 serial • 2x COM Ports (1 rear, 1 header)		
DOM • 2x Super DOM (Disk on Module) ports	Features	Operating Temperature Range • 10°C - 35°C (50°F - 95°F) Non-Operating Temperature Range • -40°C - 70°C (-40°F - 158°F)
TPM • 1x TPM 1.2 20-pin Header		
		Operating Relative Humidity Range • 8% - 90% (non-condensing) Non-Operating Relative Humidity Range • 5% - 95% (non-condensing)

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-x10drh-cln4-dual-skt-intel-c612-chipset-sata-lsi-3008-sas3-4xgbe-ipmi-p-2486.html>