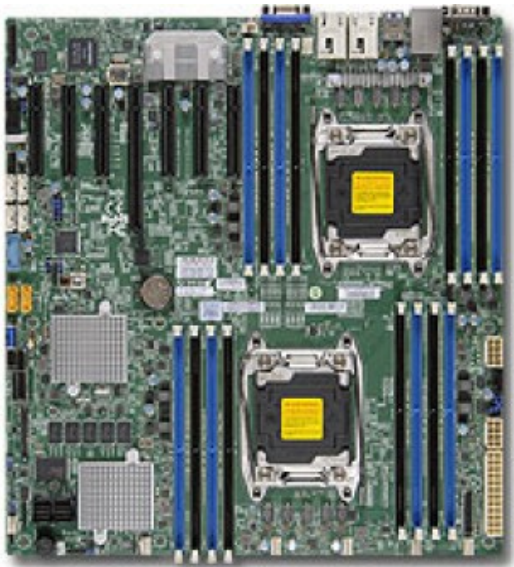


Supermicro MBD-X10DRH-CT, Dual SKT, Intel C612 Chipset, SATA, LSI 3108 SAS3, 2x10GbE, IPMI

Kod producenta: MBD-X10DRH-CT-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 E5-2600v3 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	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2400
# of PCIe x16 3.0	1
# of PCIe x8 3.0	6
# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A 2 x USB 2.0 (rear) 2 x USB 2.0 (header)
# of SATA Ports	10
# of SATA DOM power	2
# of SAS Ports	8
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s LSI 3108 12Gb/s
Integrated RAID	0,1,5,10
Hardware RAID	0,1,5,6,10,50,60
# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
# of 10GbE Ports	2 x RJ45
Network Controllers	Intel x540 Dual Port 10 Gigabit Base-T
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header

Product SKUs		Chassis (Optimized for X10DRH-CT)	
MBD-X10DRH-CT -O		X10DRH-CT (Retail Pack)	
Physical Stats			
Form Factor	• E-ATX		
Dimensions	• 12" x 13" (30.5cm x 33.2cm)		
Processor/Cache			
CPU	• Intel® Xeon® processor E5-2600 v4/v3 family (up to 145W TDP**) • Dual Socket R3 (LGA 2011)	2U Chassis:	• SC826BE1C-R920LPB • SC826BE2C-R920LPB • SC826BAC1-R920LPB • SC216BE1C-R920LPB • SC216BE2C-R920LPB • SC836BE1C-R1K03B • SC836BE2C-R1K03B • SC835TO-R920B
Cores / Cache	• Up to 22 Cores / Up to 55MB Cache	3U Chassis:	• SC732L-865B • SC732D4F-903B
System Bus	• QPI up to 9.6 GT/s	Mid/Mini Tower	Chassis:
Note	• BIOS version 2.0 or above is required	4U / Tower	• SC743TO-1200B • SC847BE1C-R1K28LPB • SC847BE2C-R1K28LPB • SC846BE1C-R1K28B
Note	** Motherboard supports this maximum TDP. Please verify your system can thermally support.	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.
System Memory		SuperServer(s) with X10DRH-CT	
Memory Capacity	• 16x 288-pin DDR4 DIMM slots • Up to 2TB* ECC 3DS LRDIMM, 1TB ECC RDIMM	Model(s)	• SSG-6028R-F1CR12T • SYS-7048R-C1RT • SYS-2028R-C1RT
Memory Type	• 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit		
DIMM Sizes	• RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB	Expansion Slots	
	• LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB	PCI-Express	• 1x PCI-E 3.0 x16 • 6x PCI-E 3.0 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 • ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • SMBIOS 2.7.1 • UEFI 2.3.1
On-Board Devices		Management	
Chipset	• Intel® C612 chipset • LSI 3108 SAS3 (12Gbps) controller; 2GB cache; HW RAID 0, 1, 5, 6, 10, 50, 60 • Supports up to 16 devices as default, more HDD devices support is also available as an option *	Software	• Intel® Node Manager 3.0 • IPMI 2.0 • SPM • SLIM • SuperDoctor® 5 • NMI • Watch Dog • ACPI / APM Power Management • Power-on mode for AC power recovery
SAS		Power Configurations	
AHCI SATA	For special SKU, please contact your Supermicro Sales.	PC Health Monitoring	
SCU SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10 • SATA3 (6Gbps); RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v2.0	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 • Chassis intrusion detection • SDDC Support • RoHS
IPMI	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC • Intel® X540 Dual Port 10GBase-T • Virtual Machine Device Queues reduce I/O overhead	FAN	
Network Controllers	• Supports 10GBase-T, 100BASE-TX, and 1000BASE-T RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI)	Temperature	
Video	• ASPEED AST2400 BMC	LED	
Input / Output		Other Features	
SAS	• 8x SAS3 (12Gbps) ports	Operating Environment	
SATA	• 10x SATA3 (6Gbps) ports	Operating Temperature Range	• 10°C - 35°C (50°F - 95°F)
LAN	• 2x RJ45 10GBase-T ports • 1x RJ45 Dedicated IPMI LAN port	Non-Operating Temperature Range	• -40°C - 70°C (-40°F - 158°F)
USB	• 5x USB 3.0 ports (2 rear + 2 via header + 1 Type A) • 4x USB 2.0 ports (2 rear + 2 via header)	Operating Relative Humidity Range	• 8% - 90% (non-condensing)
Video	• 1x VGA Connector	Non-Operating Relative Humidity Range	
Serial Port / Header	• 2x Fast UART 16550 serial • 2x COM Ports (1 rear, 1 header)		
DOM	• 2x Super DOM (Disk on Module) ports		
TPM	• 1x TPM Header		

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-x10drh-ct-dual-skt-intel-c612-chipset-sata-lsi-3108-sas3-2x10gbe-ipmi-p-1347.html>