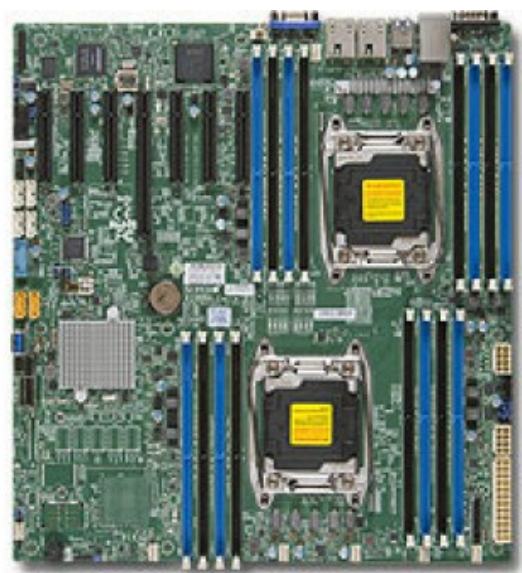


Supermicro MBD-X10DRH-iT, Dual SKT, Intel C612 Chipset, SATA, 2x10GbE, IPMI

Kod producenta: MBD-X10DRH-iT-O



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
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 Base-T
Network Controllers	Intel x540 Dual Port 10 Gigabit Base-T
Integrated BMC	IPMI 2.0 KVM-over-LAN Virtual Media over LAN IPMI Dedicated RJ45 PHY
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header

Product SKUs	Chassis (Optimized for X10DRH-iT)
MBD-X10DRH-iT -O	• SC826BE1C-R9201PB • SC826BE2C-R9201PB • SC826BAC4-R9201PB • SC216BE1C-R9201PB • SC216BE2C-R9201PB
Physical Stats	
Form Factor • E-ATX	2U Chassis:
Dimensions • 12" x 13" (30.5cm x 33.2cm)	3U Chassis:
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:
Cores / Cache • Up to 22 Cores / Up to 55MB	Important Chassis Notes
System Bus • QPI up to 9.6 GT/s	Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
Note • BIOS version 2.0 or above is required	
Note •** Motherboard supports this maximum TDP. Please verify your system can thermally support.	
System Memory	SuperServer(s) with X10DRH-iT
Memory Capacity • 16x 288-pin DDR4 DIMM slots • Up to 2TB ECC 3DS LRDIMM, 1TB ECC RDIMM	• SSG-6028R-E1CR12L • SSG-6028R-E1CR12H • SSG-6048R-E1CR36L • SSG-6048R-E1CR36H • SSG-6048R-E1CR24H • SSG-6048R-E1CR24L • SSG-6038R-E1CR16L • SSG-6038R-E1CR16H • SSG-2028R-E1CR24L • SSG-2028R-E1CR24H • SSG-2028R-ACR24L • SSG-2028R-ACR24H • SSG-6048R-E1CR72L
Memory Type • 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	Model(s)
DIMM Sizes • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB	
Memory Voltage • 1.2 V	
Error Detection • Corrects single-bit errors	
On-Board Devices	Expansion Slots
Chipset • Intel® C612 chipset	PCI-Express • 1x PCIe 3.0 x16 • 6x PCIe 3.0 x8
AHCI SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10	System BIOS
SCU SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v.2.0	BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP)
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	BIOS Features • PCI 2.3 • ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • SMBIOS 2.7.1 • UEFI 2.3.1
Network Controllers • Supports 10GBase-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI)	Management
Video • ASPEED AST2400 BMC	• Intel® Node Manager 3.0 • IPMI 2.0 • SDM • SUM • SuperDoctor® 5 • NMI • Watch Dog • ACPI / APM Power Management • Power-on mode for AC power recovery
Input / Output	Software
SATA • 10x SATA3 (6Gbps) ports	Power Configurations
LAN • 2x RJ45 10GBase-T ports • 1x RJ45 Dedicated IPMI LAN port • 5x USB 3.0 ports (2 rear + 2 via header + 1 Type A) • 4x USB 2.0 ports (2 rear + 2 via header)	PC Health Monitoring
USB • 1x VGA Connector	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
Video Serial Port / Header • 2x Fast UART 16550 serial • 2x COM Ports (1 rear, 1 header) • 2x Super DOCK (Disk on Module) ports • 1x TPM Header	FAN • Monitoring for CPU and chassis environment • CPU thermal trip support • Thermal Control for 8x Fan Connectors • Thermal Monitor 2 (TM2) support • PECI
	LED • CPU / System Overheat LED • Suspend state indicator LED • UID/Remote UID • Chassis intrusion detection • Chassis intrusion header • SDDC Support • RoHS
	Other Features
	Operating Environment
	Operating Temperature • 10°C - 35°C (50°F - 95°F) Range
	Non-Operating Temperature • -40°C - 70°C (-40°F - 158°F) Range
	Operating Relative Humidity • 8% - 90% (non-condensing) Range
	Non-Operating Relative Humidity Range

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-x10drh-it-dual-skt-intel-c612-chipset-sata-2x10gbe-ipmi-p-1349.html>