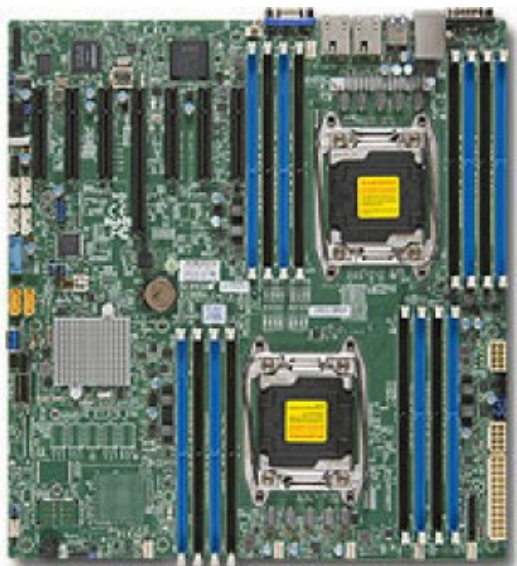


Supermicro MBD-X10DRH-I, Dual SKT, Intel C612 Chipset, SATA, 2xGbE, IPMI

Kod producenta: MBD-X10DRH-I-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
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 i350 Dual Port Gigabit Ethernet
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header

Product SKUs	Chassis (Optimized for X10DRH-I)
MBD-X10DRH-I-O	<ul style="list-style-type: none"> • SC826BE1C-R920LPB • SC826BE2C-R920LPB • SC826BAC4-R920LPB • SC216BE1C-R920LPB • SC216BE2C-R920LPB • SC836BE1C-R1K03B • SC836BE2C-R1K03B • SC835TQ-R920B
Physical Stats	2U Chassis:
Form Factor • E-ATX	<ul style="list-style-type: none"> • SC7321-865B • SC732D4F-903B • SC743TQ-1200B • SC847BE1C-R1K28LPB • SC847BE2C-R1K28LPB • SC846BE1C-R1K28B
Dimensions • 12" x 13" (30.5cm x 33.2cm)	3U Chassis:
Processor/Cache	Mid/Mini Tower
CPU	Chassis:
• Intel® Xeon® processor E5-2600 v4 / v3 family (up to 145W TDP**) / Dual Socket R3 (LGA 2011)	4U / Tower
Cores / Cache	Chassis:
• Up to 22 Cores / Up to 55MB Cache	<ul style="list-style-type: none"> • To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
System Bus	Important Chassis Notes
• 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	<ul style="list-style-type: none"> • 1x PCI-E 3.0 x16 • 6x PCI-E 3.0 x8
• 16x 288-pin DDR4 DIMM slots	
• Up to 2TB ¹ ECC 3DS LRDIMM, 1TB ECC RDIMM	
Memory Type	System BIOS
• 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	BIOS Type
• RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB	<ul style="list-style-type: none"> • 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
• LRDIMM: 64GB, 32GB	
• 3DS LRDIMM: 128GB	
DIMM Sizes	BIOS Features
• 1.2 V	
Memory Voltage	
Error Detection	<ul style="list-style-type: none"> • Corrects single-bit errors
On-Board Devices	Management
Chipset	<ul style="list-style-type: none"> • Intel® Node Manager 3.0 • IPMI 2.0 • SMM • SLM • SuperDoctor® 5 • NMI • Watch Dog • ACPI / APM Power Management
AHCI SATA	Software
• SATA3 (6Gbps); RAID 0, 1, 5, 10	<ul style="list-style-type: none"> • Power-on mode for AC power recovery
SCU SATA	Power Configurations
• SATA3 (6Gbps); RAID 0, 1, 5, 10	
• Support for Intelligent Platform Management Interface v.2.0	
IPMI	PC Health Monitoring
• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	Voltage
• ASPEED AST2400 BMC	<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 • 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 • Chassis intrusion header • SDDC Support • RoHS
• Intel® i350 Dual Port Gigabit Ethernet	FAN
• Virtual Machine Device Queues reduce I/O overhead	<ul style="list-style-type: none"> • Monitoring for CPU and chassis environment • CPU thermal trip support • Thermal Control for 8x Fan Connectors
Network Controllers	Temperature
• Supports 10Base-T, 100BASE-TX, and 1000BASE-T, RJ45 output	<ul style="list-style-type: none"> • Thermal Monitor 2 (TM2) support • PECI • CPU / System Overheat LED • Suspend static indicator LED • UID/Remote UID • Chassis intrusion detection • Chassis intrusion header • SDDC Support • RoHS
• 1x Realtek RTL8211E PHY (dedicated IPMI)	LED
Video	Other Features
• ASPEED AST2400 BMC	<ul style="list-style-type: none"> • SDDC Support • RoHS
Input / Output	Operating Environment
SATA	Operating Temperature Range
• 10x SATA3 (6Gbps) ports	<ul style="list-style-type: none"> • 10°C - 35°C (50°F - 95°F)
LAN	Non-Operating Temperature Range
• 2x RJ45 Gigabit Ethernet LAN ports	<ul style="list-style-type: none"> • -40°C - 70°C (-40°F - 158°F)
• 1x RJ45 Dedicated IPMI LAN port	Operating Relative Humidity Range
• 5x USB 3.0 ports (2 rear + 2 via header + 1 Type A)	<ul style="list-style-type: none"> • 8% - 90% (non-condensing)
USB	Non-Operating Relative Humidity Range
• 4x USB 2.0 ports (2 rear + 2 via header)	
Video	
• 1x VGA Connector	
Serial Port / Header	
• 2x Fast UART 16550 serial	
• 2x COM Ports (1 rear, 1 header)	
DOM	
• 2x SuperDOM (Disk on Module) ports	
TPM	
• 1x TPM Header	

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10drh-dual-skt-intel-c612-chipset-sata-2xgbe-ipmi-p-1348.html>