

# Supermicro MBD-X10DRi-T, Dual SKT, Intel C612 Chipset, SATA, 2x10GbE, IPMI Bulk

Kod producenta: MBD-X10DRi-T-B



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	3
# of PCIe x8 3.0	3
# 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) 4 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 X10DRi-T)
MBD-X10DRi-T -0	<ul style="list-style-type: none"> <li>• <a href="#">SC825TQ-R740L PB</a></li> <li>• <a href="#">SC826BA-R920L PB</a></li> <li>• <a href="#">SC826BE1C-R920L PB</a></li> <li>• <a href="#">SC713A-R740L PB</a></li> <li>• <a href="#">SC823TQ-653L PB</a></li> </ul>
Physical Stats	2U Chassis:
Form Factor • E-ATX	<ul style="list-style-type: none"> <li>• <a href="#">SC216BAC-R920L PB</a></li> <li>• <a href="#">SC216BE1C-R920L PB</a></li> <li>• <a href="#">SC826BE2C-R920L PB</a></li> <li>• <a href="#">SC716BE2C-R920L PB</a></li> </ul>
Dimensions • 12" x 13" (30.5cm x 33.0cm)	
Processor/Cache	3U Chassis:
CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 145W TDP**)	Mid/Mini Tower
• Dual Socket R3 (LGA 2011)	<ul style="list-style-type: none"> <li>• <a href="#">SC732J-865B</a></li> <li>• <a href="#">SC732DAE-903B</a></li> </ul>
Cores / Cache • Up to <b>22 Cores</b> / Up to <b>55MB</b> Cache	Chassis:
System Bus • QPI up to 9.6 GT/s	4U / Tower
Note • BIOS version 2.0 or above is required	Chassis:
Note ** Motherboard supports this maximum TDP. Please verify your system can thermally support.	<ul style="list-style-type: none"> <li>• <a href="#">SC743TQ-1200B</a></li> <li>• <a href="#">SC846BA-R920B</a></li> <li>• <a href="#">SC846BE1C-R1K28B</a></li> <li>• <a href="#">SC847BE1C-R1K28L PB</a></li> <li>• <a href="#">SC847TQ-865R</a></li> <li>• <a href="#">SC847BE2C-R1K28L PB</a></li> </ul>
System Memory	Important Chassis Notes
Memory Capacity • 16x 288-pin DDR4 DIMM slots	Intel® Xeon® processor-based motherboards, <b>Revision M</b> chassis is recommended. Please talk to your sales representative for details.
• Up to 2TB ECC 3DS LRDIMM, 1TB ECC RDIMM	SuperServer(s) with X10DRi-T
Memory Type • 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	<ul style="list-style-type: none"> <li>• <a href="#">SYS-6028R-TT</a></li> <li>• <a href="#">SYS-6028R-TRT</a></li> <li>• <a href="#">SYS-7048R-TRT</a></li> </ul>
• RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB	Model(s)
DIMM Sizes • LRDIMM: 64GB, 32GB	
• 3DS LRDIMM: 128GB	
Memory Voltage • 1.2 V	Expansion Slots
Error Detection • Corrects single-bit errors	PCI-Express • 3 PCI-E 3.0 x16
	• 3 PCI-E 3.0 x8
On-Board Devices	System BIOS
Chipset • Intel® C612 chipset	BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS
AHCI SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10	• Plug and Play (PnP)
SCU SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10	• PCI 2.3
IPMI • Support for Intelligent Platform Management Interface v.2.0	BIOS • ACPI 1.0 / 2.0 / 3.0 / 4.0
• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	Features • USB Keyboard support
• ASPEED AST2400 BMC	• SMBIOS 2.7.1
Network Controllers • Intel® X540 Dual Port 10GBase-T	• UEFI 2.3.1
• Virtual Machine Device Queues reduce I/O overhead	Management
• Supports 10GBase-T, 100BASE-TX, and 1000BASE-T, RJ45 output	• Intel® Node Manager 3.0
Video • ASPEED AST2400 BMC	• NMI
Input / Output	Software
SATA • 10x SATA3 (6Gbps) ports	• <a href="#">SPM</a>
LAN • 2x RJ45 10GBase-T ports	• <a href="#">SUM</a>
• 1x RJ45 Dedicated IPMI LAN port	• <a href="#">SuperDoctor® 5</a>
USB • 5x USB 3.0 ports (2 rear + 2 via header + 1 Type A)	• Watch Dog
• 6x USB 2.0 ports (2 rear + 4 via headers)	• ACPI Power Management
Video • 1x VGA port	Power Configurations • Power-on mode for AC power recovery
Serial Port / Header • 2x Fast UART 16550 serial	PC Health Monitoring
• 2x COM Ports (1 rear, 1 header)	Voltage • Monitors for CPU Cores, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages.
DOM • 2x SuperDOM (Disk on Module) ports	• 5 Phase-switching voltage regulator
TPM • 1x TPM Header	• 8x 4-pin fan headers (up to 8 fans)
	• 8x fans with tachometer monitoring
	FAN • Status monitor for speed control
	• Pulse Width Modulated (PWM) fan connectors
	• Monitoring for CPU and chassis environment
	• CPU thermal trip support
	Temperature • Thermal Control for 8x Fan Connectors
	• Thermal Monitor 2 (TM2) support
	• PECC
	LED • CPU / System Overheat LED
	• Suspend static indicator LED
	• UID/Remote UID
	Other Features • Chassis intrusion detection
	• Chassis intrusion header
	• SDDC Support
	• RoHS
	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-x10dri-dual-skt-intel-c612-chipset-sata-2x10gbe-ipmi-bulk-p-2549.html>