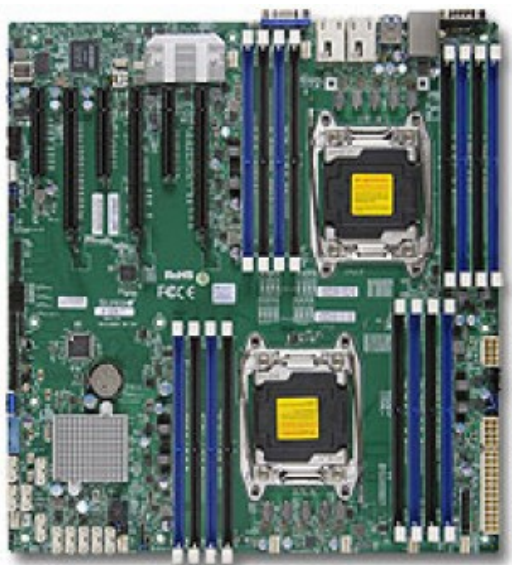


# Supermicro MBD-X10DRi-T, Dual SKT, Intel C612 Chipset, SATA, 2x10GbE, IPMI

Kod producenta: MBD-X10DRi-T-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	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 Chassis:
• 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	4U / Tower Chassis:
System Bus • QPI up to 9.6 GT/s	<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>
Note • BIOS version 2.0 or above is required	• To support the new generation Intel® Xeon® processor-based motherboards, <b>Revision M</b> chassis is recommended. Please talk to your sales representative for details.
Note ** Motherboard supports this maximum TDP. Please verify your system can thermally support.	
System Memory	Important Chassis Notes
Memory Capacity • 16x 288-pin DDR4 DIMM slots	SuperServer(s) with X10DRi-T
• Up to 2TB ECC 3DS LRDIMM, 1TB ECC RDIMM	Model(s)
Memory Type • <b>2400</b> /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	
DIMM Sizes • LRDIMM: 64GB, 32GB	Expansion Slots
• 3DS LRDIMM: 128GB	PCI-Express
Memory Voltage • 1.2 V	<ul style="list-style-type: none"> <li>• 3 PCI-E 3.0 x16</li> <li>• 3 PCI-E 3.0 x8</li> </ul>
Error Detection • Corrects single-bit errors	
On-Board Devices	System BIOS
Chipset • Intel® C612 chipset	BIOS Type
AHCI SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10	AMI BIOS
SCU SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10	<ul style="list-style-type: none"> <li>• Plug and Play (PnP)</li> <li>• PCI 2.3</li> </ul>
IPMI • Support for Intelligent Platform Management Interface v.2.0	BIOS Features
• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	<ul style="list-style-type: none"> <li>• ACPI 1.0 / 2.0 / 3.0 / 4.0</li> <li>• USB Keyboard support</li> <li>• SMBIOS 2.7.1</li> <li>• UEFI 2.3.1</li> </ul>
• ASPEED AST2400 BMC	Management
Network Controllers • Intel® X540 Dual Port 10GBase-T	<ul style="list-style-type: none"> <li>• Intel® Node Manager 3.0</li> <li>• NMI</li> </ul>
• Virtual Machine Device Queues reduce I/O overhead	Software
• Supports 10GBase-T, 100BASE-TX, and 1000BASE-T, RJ45 output	<ul style="list-style-type: none"> <li>• <a href="#">SPM</a></li> <li>• <a href="#">SUM</a></li> <li>• <a href="#">SuperDoctor® 5</a></li> <li>• Watch Dog</li> </ul>
Video • ASPEED AST2400 BMC	Power Configurations
Input / Output	<ul style="list-style-type: none"> <li>• ACPI Power Management</li> <li>• Power-on mode for AC power recovery</li> </ul>
SATA • 10x SATA3 (6Gbps) ports	PC Health Monitoring
LAN • 2x RJ45 10GBase-T ports	Voltage
• 1x RJ45 Dedicated IPMI LAN port	<ul style="list-style-type: none"> <li>• Monitors for CPU Cores, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages.</li> <li>• 5 Phase-switching voltage regulator</li> <li>• 8x 4-pin fan headers (up to 8 fans)</li> <li>• 8x fans with tachometer monitoring</li> </ul>
USB • 5x USB 3.0 ports (2 rear + 2 via header + 1 Type A)	FAN
• 6x USB 2.0 ports (2 rear + 4 via headers)	<ul style="list-style-type: none"> <li>• Status monitor for speed control</li> <li>• Pulse Width Modulated (PWM) fan connectors</li> <li>• Monitoring for CPU and chassis environment</li> <li>• CPU thermal trip support</li> </ul>
Video • 1x VGA port	Temperature
Serial Port / Header • 2x Fast UART 16550 serial	Connectors
• 2x COM Ports (1 rear, 1 header)	<ul style="list-style-type: none"> <li>• Thermal Control for 8x Fan</li> <li>• Thermal Monitor 2 (TM2) support</li> <li>• PECC</li> </ul>
DOM • 2x SuperDOM (Disk on Module) ports	LED
TPM • 1x TPM Header	<ul style="list-style-type: none"> <li>• CPU / System Overheat LED</li> <li>• Suspend static indicator LED</li> <li>• UID/Remote UID</li> </ul>
	Other Features
	<ul style="list-style-type: none"> <li>• Chassis intrusion detection</li> <li>• Chassis intrusion header</li> <li>• SDDC Support</li> <li>• RoHS</li> </ul>
	Operating Environment
	Operating Temperature Range
	<ul style="list-style-type: none"> <li>• 10°C - 35°C (50°F - 95°F)</li> </ul>
	Non-Operating Temperature Range
	<ul style="list-style-type: none"> <li>• -40°C - 70°C (-40°F - 158°F)</li> </ul>
	Operating Relative Humidity Range
	<ul style="list-style-type: none"> <li>• 8% - 90% (non-condensing)</li> </ul>
	Non-Operating Relative Humidity Range

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10dri-dual-skt-intel-c612-chipset-sata-2x10gbe-ipmi-p-1351.html>