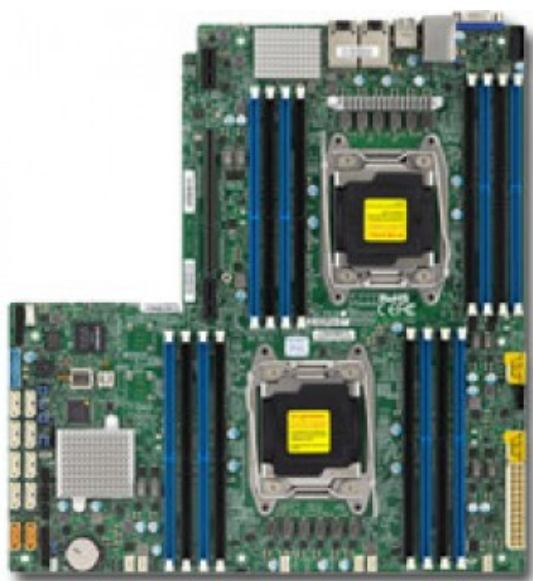


# Supermicro MBD-X10DRW-ET, Dual SKT, Intel C612 Chipset, SATA, 2x10GbE, IPMI

Kod producenta: MBD-X10DRW-ET-O



Category	Server
Form Factor	WIO Proprietary
Dimensions	12.3" x 13"
CPU Socket	LGA 2011 (Socket R3)
# of CPU sockets	2
Supported CPU's	Intel Xeon E5-2600v4 Intel Xeon E5-2600v3
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 USB Ports	2 x USB 3.0 (header) 4 x USB 2.0 (rear)
# of SATA Ports	10
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 (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
Uwagi	1 PCI-E 3.0 x32 Left Riser Slot

<b>Product SKUs</b>	<b>Chassis (Optimized for X10DRW-ET )</b>	
MBD-X10DRW-ET -B	• X10DRW-ET (Bulk Pack)	<ul style="list-style-type: none"> <li>• <a href="#">SC116TQ-R700WB</a></li> <li>• <a href="#">SC113TQ-R700WB</a></li> <li>• <a href="#">SC815TQ-600WB</a></li> </ul>
MBD-X10DRW-ET -O	• X10DRW-ET (Retail Pack)	<ul style="list-style-type: none"> <li>• <a href="#">SC113TQ-600WB</a></li> <li>• <a href="#">SC815TQ-R706WB</a></li> <li>• <a href="#">SC514-R400W</a></li> <li>• <a href="#">SC825TQ-R740WB</a></li> <li>• <a href="#">SC826BA-R920WB</a></li> </ul>
<b>Physical Stats</b>		
Form Factor	• Proprietary WIO	
Dimensions	• 12.3" x 13" (31.2cm x 33.0cm)	
<b>Processor/Cache</b>		
CPU	<ul style="list-style-type: none"> <li>• Intel® Xeon® processor E5-2600 v4/v3 family (up to 145W TDP**)</li> <li>• Dual Socket R3 (LGA 2011)</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">SC213A-R740WB</a></li> <li>• <a href="#">SC826BAC4-R920WB</a></li> <li>• <a href="#">SC216BA-R920WB</a></li> </ul>
Cores / Cache	• Up to <b>22 Cores</b> / Up to <b>55MB</b> Cache	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
System Bus	• QPI up to 9.6 GT/s	
Note	• BIOS version 2.0 or above is required	SuperServer(s) with X10DRW-ET
Note	• <b>** Motherboard supports this maximum TDP. Please verify your system can thermally support.</b>	Model(s) • <a href="#">SYS-1028R-WMKT</a>
<b>System Memory</b>		
Memory Capacity	<ul style="list-style-type: none"> <li>• 16x 288-pin DDR4 DIMM slots</li> <li>• Up to 2TB* ECC 3DS LRDIMM, 512GB ECC RDIMM</li> </ul>	<b>Expansion Slots</b>
Memory Type	• <b>2400</b> /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	<ul style="list-style-type: none"> <li>• Riser card support:</li> <li>• Left side - 1 PCI-E 3.0 x32</li> </ul>
DIMM Sizes	<ul style="list-style-type: none"> <li>• RDIMM: 32GB, 16GB, 8GB, 4GB</li> <li>• LRDIMM: 64GB, 32GB</li> <li>• 3DS LRDIMM: 128GB</li> </ul>	<b>System BIOS</b>
Memory Voltage	• 1.2 V	<ul style="list-style-type: none"> <li>• 128Mb SPI Flash EEPROM with AMI BIOS</li> <li>• Plug and Play (PnP)</li> <li>• PCI 2.3</li> </ul>
Error Detection	• Corrects single-bit errors	<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>
<b>On-Board Devices</b>		
Chipset	• Intel® C612 chipset	<b>Management</b>
AHCI SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10	<ul style="list-style-type: none"> <li>• <a href="#">SuperDoctor® 5</a></li> <li>• Intel® Node Manager 3.0</li> </ul>
SCU SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10	<ul style="list-style-type: none"> <li>• Watch Dog</li> <li>• NMI</li> <li>• IPMI 1.5 / 2.0</li> </ul>
IPMI	<ul style="list-style-type: none"> <li>• Support for Intelligent Platform Management Interface v.2.0</li> <li>• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support</li> <li>• ASPEED AST2400 BMC</li> <li>• Intel® X540 Dual Port 10GBase-T</li> <li>• Virtual Machine Device Queues reduce I/O overhead</li> </ul>	<ul style="list-style-type: none"> <li>• ACPI Power Management</li> <li>• Power-on mode for AC power recovery</li> </ul>
Network Controllers	<ul style="list-style-type: none"> <li>• Supports 10GBase-T, 100BASE-TX, and 1000BASE-T, RJ45 output</li> <li>• 1x Realtek RTL8211E PHY (dedicated IPMI)</li> </ul>	<b>PC Health Monitoring</b>
Video	• ASPEED AST2400 BMC	<ul style="list-style-type: none"> <li>• Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages.</li> <li>• 6 Phase-switching voltage regulator</li> <li>• 6x 4-pin fan headers (up to 6 fans)</li> <li>• 6x fans with tachometer monitoring</li> <li>• Status monitor for speed control</li> <li>• Pulse Width Modulated (PWM) fan connectors</li> </ul>
<b>Input / Output</b>		
SATA	• 10x SATA3 (6Gbps) ports	FAN
LAN	<ul style="list-style-type: none"> <li>• 2x RJ45 10GBase-T ports</li> <li>• 1x RJ45 Dedicated IPMI LAN port</li> </ul>	<ul style="list-style-type: none"> <li>• Monitoring for CPU and chassis environment</li> <li>• CPU thermal trip support</li> <li>• Thermal Control for 6x Fan Connectors</li> <li>• Thermal Monitor 2 (TM2) support</li> <li>• PECI</li> <li>• CPU / System Overheat LED</li> <li>• Suspend static indicator LED</li> <li>• UID/Remote UID</li> </ul>
USB	<ul style="list-style-type: none"> <li>• 2x USB 3.0 ports (via header)</li> <li>• 4x USB 2.0 ports (rear)</li> </ul>	<ul style="list-style-type: none"> <li>• Chassis intrusion detection</li> <li>• Chassis intrusion header</li> <li>• SDDC Support</li> <li>• RoHS</li> </ul>
Video	• 1x VGA port	<b>Other Features</b>
Serial Port / Header	• 1x Header	
DOM	• 2x SuperDOM (Disk on Module) ports	
TPM	• 1x TPM Header	
		<b>Operating Environment</b>
		<ul style="list-style-type: none"> <li>Operating Temperature Range • 10°C - 35°C (50°F - 95°F)</li> <li>Non-Operating Temperature Range • -40°C - 70°C (-40°F - 158°F)</li> <li>Operating Relative Humidity Range • 8% - 90% (non-condensing)</li> <li>Non-Operating Relative Humidity Range</li> </ul>

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10drw-et-dual-skt-intel-c612-chipset-sata-2x10gbe-ipmi-p-2786.html>