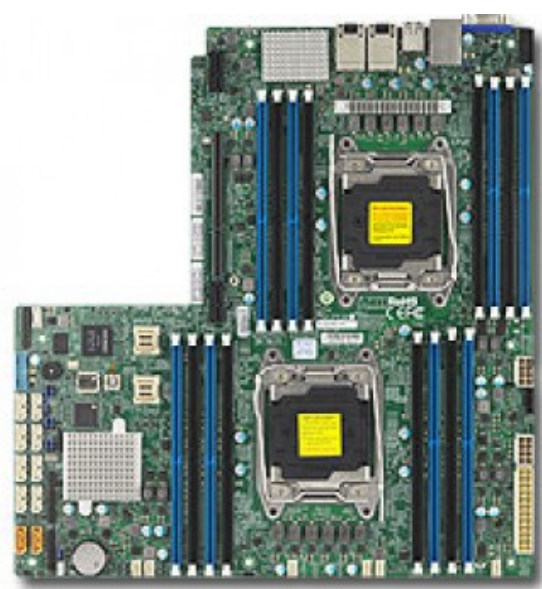


Supermicro MBD-X10DRW-N, Dual SKT, Intel C612 Chipset, SATA, NVMe, 2xGbE, IPMI

Kod producenta: MBD-X10DRW-N-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
# of NVMe ports	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 (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
Uwagi	1 PCI-E 3.0 x32 Left Riser Slot

Product SKUs		Chassis (Optimized for X10DRW-N)	
MBD-X10DRW-N -B	• X10DRW-N (Bulk Pack)	1U Chassis:	• SC116TO-R700WB • SC113TO-R700WB • SC815TO-600WB • SC113TO-600WB • SC815TO-R706WB • SC514-R400W
MBD-X10DRW-N -O	• X10DRW-N (Retail Pack)		• SC825TO-R740WB • SC826BA-R920WB • SC213A-R740WB • SC826BAC4-R920WB • SC216BA-R920WB
Physical Stats			2U Chassis:
Form Factor	• Proprietary WIO		
Dimensions	• 12.3" x 13" (31.2cm x 33.0cm)		
Processor/Cache		Important Chassis Notes	SuperServer(s) with X10DRW-N
CPU	• Intel® Xeon® processor E5-2600 v4 ¹ / v3 family (up to 145W TDP ^{**}) • Dual Socket R3 (LGA 2011)		
Cores / Cache	• Up to 22 Cores ¹ / Up to 55MB ¹ Cache		
System Bus	• QPI up to 9.6 GT/s	Model(s)	• SYS-1028R-WTNR
Note	¹ 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	• 16x 288-pin DDR4 DIMM slots • Up to 2TB ¹ ECC 3DS LRDIMM, 512GB ECC RDIMM	PCI-Express	• Riser card support: Left side - 1 PCI-E 3.0 x32
Memory Type	• 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	System BIOS	
DIMM Sizes	• RDIMM: 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB	BIOS Type	• 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • PCI 2.3
Memory Voltage	• 1.2 V	BIOS Features	• ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • SMBIOS 2.7.1 • UEFI 2.3.1
Error Detection	• Corrects single-bit errors	Management	
On-Board Devices		Software	• SuperDoctor® 5 • Intel® Node Manager 3.0 • Watch Dog • NMI • IPMI 1.5 / 2.0
Chipset	• Intel® C612 chipset		Power Configurations
AHCI SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10	PC Health Monitoring	
SCU SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10 • Support for Intelligent Platform Management Interface v.2.0	Voltage	• Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages. • 6 Phase-switching voltage regulator • 6x 4-pin fan headers (up to 6 fans) • 6x fans with tachometer monitoring • Status monitor for speed control • Pulse Width Modulated (PWM) fan connectors
IPMI	• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support • ASPEED AST2400 BMC		FAN
Network Controllers	• Intel® i350-AM2 Dual Port Gigabit Ethernet Controller	LED	• CPU / System Overheat LED • Suspend static indicator LED • UID/Remote UID
	• Virtual Machine Device Queues reduce I/O overhead • Supports 10Base-T, 100BASE-TX, and 1000BASE-T, RJ45 output • 1x Realtek RTL8211E PHY (dedicated IPMI)		Other Features
Video	• ASPEED AST2400 BMC	Operating Environment	
Input / Output		Operating Temperature Range	• 10°C - 35°C (50°F - 95°F)
SATA	• 10x SATA3 (6Gbps) ports	Non-Operating Temperature Range	• -40°C - 70°C (-40°F - 158°F)
NVMeExpress	• 2x PCI-E 3.0 NVMeExpress x4 Internal Ports	Operating Relative Humidity Range	• 8% - 90% (non-condensing)
LAN	• 2x RJ45 Gigabit Ethernet LAN ports • 1x RJ45 Dedicated IPMI LAN port	Non-Operating Relative Humidity Range	
USB	• 2x USB 3.0 ports (via header) • 4x USB 2.0 ports (rear)		
Video	• 1x VGA port		
Serial Port / Header	• 1x Header		
DOM	• 2x Super DOM (Disk on Module) ports		
TPM	• 1x TPM Header		

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-x10drw-dual-skt-intel-c612-chipset-sata-nvme-2xgbe-ipmi-p-2780.html>