

Supermicro MBD-X10DAC, Dual SKT, Intel C612 Chipset, SATA, LSI 3008 SAS3, 2xGbE

Kod producenta: MBD-X10DAC-O



Category	Workstation
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
# of PCIe x16 3.0	3
# of PCIe x8 3.0	2
# of PCIe x4 2.0	1
# of USB Ports	4 x USB 3.0 (rear) 2 x USB 3.0 (header) 2 x USB 2.0 (rear) 2 x USB 2.0 (header) 1 x USB 2.0 Type A
# of SATA Ports	10
# of SATA DOM power	2
# of SAS Ports	8
Storage Controllers	10 x AHCI iSATA 6Gb/s LSI 3008 12Gb/s
Integrated RAID	0,1,5,10
Hardware RAID	0,1,10
# of 1GbE Ports	2 x RJ45
Network Controllers	Intel i210 Dual Port Gigabit Ethernet
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 3x PCI-E 3.0 x16 slots 2x PCI-E 3.0 x8 slots 1x PCI-E 2.0 x4 (in x8) slot

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs	<input type="checkbox"/>	Chassis (Optimized for X10DAC)	<input type="checkbox"/>
MBD-X10DAC -B	• X10DAC (Bulk Pack)		
MBD-X10DAC -O	• X10DAC (Retail Pack)	2U Chassis:	<ul style="list-style-type: none"> • SC216BAC-R920LPB • SC213A-R740LPB • SC826BA-R920LPB • SC825TO-R740LPB • SC835BTO-R1K28B • SC836BA-R920B • SC836BA-R1K28B • SC835TO-R920B
Physical Stats		3U Chassis:	<ul style="list-style-type: none"> • SC836BA-R920B • SC836BA-R1K28B • SC835TO-R920B
Form Factor	• E-ATX	Mid/Mini Tower Chassis:	<ul style="list-style-type: none"> • SC732D4F-903B • SC732I-865B
Dimensions	• 12" x 13" (30.5cm x 33.0cm)		
Processor/Cache			
CPU	<ul style="list-style-type: none"> • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 160W TDP **) • Dual Socket R3 (LGA 2011) 	4U / Tower Chassis:	<ul style="list-style-type: none"> • SC846BA-R920B • SC747TG-R1400B-SQ • SC745TO-R920B • SC747BTO-R1K62B • SC846BE1C-R1K28B • SC745BTO-R1K28B-SQ • SC743TO-1200B • SC847BE2C-R1K28LPB • SC847BE1C-R1K28LPB
Cores / Cache	• Up to 22 Cores ¹ / Up to 55MB ¹		
System Bus	• QPI up to 9.6 GT/s		
Note	¹ BIOS version 2.0 or above is required		
Note	** Motherboard supports this maximum TDP. Please verify your system can thermally support.	Important Chassis Notes	<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 Memory			
Memory Capacity	<ul style="list-style-type: none"> • 16x 288-pin DDR4 DIMM slots • Up to 2TB¹ ECC 3DS LRDIMM, 1TB ECC RDIMM 	Expansion Slots	<input type="checkbox"/>
Memory Type	<ul style="list-style-type: none"> • 2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit • RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB 	PCI-Express	<ul style="list-style-type: none"> • 3 PCI-E 3.0 x16 • 2 PCI-E 3.0 x8 • 1 PCI-E 2.0 x4 (in x8)
DIMM Sizes	<ul style="list-style-type: none"> • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB 	System BIOS	<input type="checkbox"/>
Memory Voltage	• 1.2 V	BIOS Type	<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
Error Detection	• Corrects single-bit errors	BIOS Features	<ul style="list-style-type: none"> • USB Keyboard support • SMBIOS 2.7.1 • UEFI 2.3.1
On-Board Devices		Management	<input type="checkbox"/>
Chipset	• Intel® C612 chipset	Software	<ul style="list-style-type: none"> • NMI • SuperDoctor® 5 • Watch Dog
AHCI SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10	Power Configurations	<ul style="list-style-type: none"> • ACPI Power Management • Power-on mode for AC power recovery
SCU SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10		
SAS	<ul style="list-style-type: none"> • LSI 3008 SAS3 (12Gbps) controller; SW RAID 0, 1, 10 • Dual Gigabit Ethernet LAN ports via Intel® i210 		
Network Controllers	<ul style="list-style-type: none"> • Supports 10Base-T, 100BASE-TX, and 1000BASE-T, RJ45 output 	PC Health Monitoring	<input type="checkbox"/>
Audio	• RealTek ALC888 7.1 High Definition Audio with S/PDIF header	Voltage	<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
Input / Output		FAN	<ul style="list-style-type: none"> • 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
SATA	• 10x SATA3 (6Gbps) ports	Temperature	<ul style="list-style-type: none"> • 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
SAS	• 8x SAS3 (12Gbps) ports	LED	<ul style="list-style-type: none"> • 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
LAN	• 2x RJ45 Gigabit Ethernet LAN ports	Other Features	<ul style="list-style-type: none"> • SDDC Support • RoHS
USB	• 6x USB 3.0 ports (4 rear + 2 via header)		
Audio	• 5x USB 2.0 ports (2 rear + 2 via header + 1 Type A)		
DOM	• 7.1 HD Audio with optical S/PDIF		
TPM	• 2x SuperDOM (Disk on Module) ports		
	• 1x TPM 1.2 20-pin Header		

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10dac-dual-skt-intel-c612-chipset-sata-lsi-3008-sas3-2xgb-e-p-1344.html>