

Supermicro MBD-X10DAi, Dual SKT, Intel C612 Chipset, SATA, 2xGbE Bulk

Kod producenta: MBD-X10DAi-B



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
Storage Controllers	6 x AHCI iSATA 6Gb/s 4 x sSATA 6Gb/s
Integrated RAID	0,1,5,10
# 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		Chassis (Optimized for X10DAi)	
MBD-X10DAi -B	• X10DAi (Bulk Pack)	2U Chassis:	• SC216BAC-R920LPB
MBD-X10DAi -O	• X10DAi (Retail Pack)		• SC213A-R740LPB
			• SC826BA-R920LPB
Physical Stats		3U Chassis:	• SC825TO-R740LPB
Form Factor	• E-ATX		• SC835BTO-R1K28B
Dimensions	• 12" x 13" (30.5cm x 33.0cm)		• SC836BA-R920B
Processor/Cache		Mid/Mini Tower Chassis:	• SC836BA-R1K28B
CPU	• Intel® Xeon® processor E5-2600 v4/ v3 family (up to 160W TDP **)		• SC835TO-R920B
Cores / Cache	• Dual Socket R3 (LGA 2011)		
System Bus	• Up to 22 Cores [†] / Up to 55MB [†] Cache	4U / Tower Chassis:	• SC747TG-R1400B-SQ
Note	• QPI up to 9.6 GT/s		• SC745TO-R920B
Note	[†] BIOS version 2.0 or above is required		• SC747BTO-R1K62B
	** Motherboard supports this maximum TDP. Please verify your system can thermally support.		• SC846BE1C-R1K28B
System Memory		Important Chassis Notes	• SC745BTO-R1K28B-SQ
Memory Capacity	• 16x 288-pin DDR4 DIMM slots		• SC743TO-1200B
Memory Type	• Up to 2TB [†] ECC 3DS LRDIMM, 1TB ECC RDIMM		• SC847BE1C-R1K28LPB
DIMM Sizes	• 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit		• SC847BE2C-R1K28LPB
	• RDIMM: 32GB, 16GB, 8GB, 4GB		• To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.
	• LRDIMM: 64GB, 32GB		
	• 3DS LRDIMM: 128GB		
Memory Voltage	• 1.2 V	SuperServer(s) with X10DAi	
Error Detection	• Corrects single-bit errors	Model(s)	
		• SYS-7038A-I	
		• SYS-7048A-T	
On-Board Devices		Expansion Slots	
Chipset	• Intel® C612 chipset	• 3 PCI-E 3.0 x16	
AHCI SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10	PCI-Express	
SCU SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10	• 2 PCI-E 3.0 x8	
Network Controllers	• Dual Gigabit Ethernet LAN ports via Intel® i210	• 1 PCI-E 2.0 x4 (in x8)	
	• Supports 10Base-T, 100BASE-TX, and 1000BASE-T, RJ45 output	System BIOS	
Audio	• RealTek ALC888 7.1 High Definition Audio with S/PDIF header	BIOS Type	
		• 128Mb SPI Flash EEPROM with AMI BIOS	
		• Plug and Play (PnP)	
		BIOS Features	
		• PCI 2.3	
		• ACPI 1.0 / 2.0 / 3.0 / 4.0	
		• USB Keyboard support	
		• SMBIOS 2.7.1	
		• UEFI 2.3.1	
		Management	
Input / Output		Software	
SATA	• 10x SATA3 (6Gbps) ports	• NMI	
LAN	• 2x RJ45 Gigabit Ethernet LAN ports	• SuperDoctor® 5	
	• 6x USB 3.0 ports (4 rear + 2 via header)	• Watch Dog	
USB	• 5x USB 2.0 ports (2 rear + 2 via header + 1 Type A)	Power Configurations	
	• 7.1 HD Audio with optical S/PDIF ports	• ACPI Power Management	
Audio	• 2x Super DOM (Disk on Module) ports	• Power-on mode for AC power recovery	
DOM	• 1x TPM 1.2 20-pin Header	PC Health Monitoring	
TPM		Voltage	
		• Monitors for CPU Cores, +1.8V, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages.	
		• 6 Phase-switching voltage regulator	
		FAN	
		• 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	
		Temperature	
		• CPU thermal trip support	
		• Thermal Control for 8x Fan Connectors	
		• Thermal Monitor 2 (TM2) support	
		• PECI	
		LED	
		• CPU / System Overheat LED	
		• Suspend static indicator LED	
		• UID/Remote UID	
		Other Features	
		• Chassis intrusion detection	
		• Chassis intrusion header	
		• SDDC Support	
		• RoHS	

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-x10dai-dual-skt-intel-c612-chipset-sata-2xgbe-bulk-p-2528.html>