

Supermicro MBD-X10DAX , Dual SKT, Intel C612 Chipset, SATA, 2xGbE, SLI

Kod producenta: MBD-X10DAX-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
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	1
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

Product SKUs		Chassis (Optimized for X10DAX)	
MBD-X10DAX -O	• X10DAX (Bulk Pack)	2U Chassis:	• SC826BA-R920LPB • SC825TO-R740LPB • SC836BE1C-R1K03B • SC835BTQ-R1K28B
Physical Stats		3U Chassis:	• SC836BA-R920B • SC836BA-R1K28B • SC835TO-R920B
Form Factor	• E-ATX	Mid/Mini Tower Chassis:	• SC732i-865B • SC732D4F-903B
Dimensions	• 12" x 13" (30.5cm x 33.0cm)	4U / Tower Chassis:	• SC745BTQ-R1K28B-SQ • SC846BA-R920B • SC747TG-R1400B-SO • SC745TO-R920B • SC743TO-1200B
Processor/Cache		Important Chassis Notes	
CPU	• Intel® Xeon® processor E5-2600 v4[†]/ v3 family (up to 160W TDP **) • Dual Socket R3 (LGA 2011)	Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.	
Cores / Cache	• Up to 22 Cores[†] / Up to 55MB[†] Cache		
System Bus	• QPI up to 9.6 GT/s		
Note	[†] 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[†] ECC 3DS LRDIMM, 1TB ECC RDIMM	PCI-Express	• 3 PCI-E 3.0 x16 • 2 PCI-E 3.0 x8 • 1 PCI-E 2.0 x4 (in x8)
Memory Type	• 2400[†]/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	System BIOS	
DIMM Sizes	• RDIMM: 64GB, 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	• NMI • SuperDoctor® 5 • Watch Dog
Chipset	• Intel® C612 chipset	Power Configurations	• ACPI / APM Power Management • Power-on mode for AC power recovery
AHCI SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10	PC Health Monitoring	
SCU SATA	• SATA3 (6Gbps); RAID 0, 1, 5, 10		
Network Controllers	• Dual Gigabit Ethernet LAN ports via Intel® i210 • Virtual Machine Device Queues reduce I/O overhead • Supports 10Base-T, 100BASE-TX, and 1000BASE-T, RJ45 output	Voltage	• 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
Audio	• RealTek ALC888 7.1 High Definition Audio with S/PDIF header	FAN	• Status monitor for speed control • Pulse Width Modulated (PWM) fan connectors • Monitoring for CPU and chassis environment
Input / Output		Temperature	• CPU thermal trip support • Thermal Control for 8x Fan Connectors • Thermal Monitor 2 (TM2) support • PECI
SATA	• 10x SATA3 (6Gbps) ports	LED	• CPU / System Overheat LED • Suspend static indicator LED • UID/Remote UID
LAN	• 2x RJ45 Gigabit Ethernet LAN ports	Other Features	• Chassis intrusion detection • Chassis intrusion header • SDDC Support • RoHS
USB	• 6x USB 3.0 ports (4 rear + 2 via header) • 5x USB 2.0 ports (2 rear + 2 via header + 1 Type A)	Operating Environment	
Audio	• 7.1 HD Audio with optical S/PDIF		
DOM	• DOM (Disk on Module) power connector		
TPM	• 1x TPM Header		
		Operating Temperature Range	• 10°C - 35°C (50°F - 95°F)
		Non-Operating Temperature Range	• -40°C - 70°C (-40°F - 158°F)
		Operating Relative Humidity Range	• 8% - 90% (non-condensing)
		Non-Operating Relative Humidity Range	

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10dax-dual-skt-intel-c612-chipset-sata-2xgbe-sli-p-1345.html>