

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

Kod producenta: MBD-X10DAi-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
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
Physical Stats	Form Factor • E-ATX Dimensions • 12" x 13" (30.5cm x 33.0cm)	3U Chassis:	• SC826BA-R920LPB
			• SC825TO-R740LPB
Processor/Cache	CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 160W TDP **) 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.	Mid/Mini Tower Chassis:	• SC835BTO-R1K28B
			• SC836BA-R920B
System Memory	Memory Capacity • 16x 288-pin DDR4 DIMM slots • Up to 2TB [†] ECC 3DS LRDIMM, 1TB ECC RDIMM Memory Type • 2400 /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit DIMM Sizes • RDIMM: 32GB, 16GB, 8GB, 4GB • LRDIMM: 64GB, 32GB • 3DS LRDIMM: 128GB Memory Voltage • 1.2 V Error Detection • Corrects single-bit errors	4U / Tower Chassis:	• SC836BA-R1K28B
			• SC835TO-R920B
On-Board Devices	Chipset • Intel® C612 chipset AHCI SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10 SCU SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10 Network Controllers via Intel® i210 • Dual Gigabit Ethernet LAN ports • Supports 10Base-T, 100BASE-TX, and 1000BASE-T, RJ45 output Audio • RealTek ALC888 7.1 High Definition Audio with S/PDIF header	Important Chassis Notes	• SC747TG-R1400B-SQ
			• SC745TO-R920B
Input / Output	SATA • 10x SATA3 (6Gbps) ports LAN • 2x RJ45 Gigabit Ethernet LAN ports • 6x USB 3.0 ports (4 rear + 2 via header) USB • 5x USB 2.0 ports (2 rear + 2 via header + 1 Type A) Audio • 7.1 HD Audio with optical S/PDIF DOM • 2x Super DOM (Disk on Module) ports TPM • 1x TPM 1.2 20-pin Header	SuperServer(s) with X10DAi	• SC747TG-R1400B-SQ
			• SC745TO-R920B
System BIOS	BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • PCI 2.3 BIOS Features • ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • SMBIOS 2.7.1 • UEFI 2.3.1	Expansion Slots	• SC747BTO-R1K62B
			• SC846BE1C-R1K28B
Management	Software • NMI • SuperDoctor® 5 • Watch Dog Power Configurations • ACPI Power Management • Power-on mode for AC power recovery	PCI-Express	• SC745BTO-R1K28B-SQ
			• SC743TO-1200B
PC Health Monitoring	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	Management	• SC847BE1C-R1K28LPB
			• SC847BE2C-R1K28LPB
System BIOS	BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS • Plug and Play (PnP) • PCI 2.3 BIOS Features • ACPI 1.0 / 2.0 / 3.0 / 4.0 • USB Keyboard support • SMBIOS 2.7.1 • UEFI 2.3.1	Expansion Slots	• To support the new generation Intel® Xeon® processor-based motherboards, Revision M chassis is recommended. Please talk to your sales representative for details.

Strona firmowa produktu:
<https://www.superstorage.pl/supermicro-mbd-x10dai-dual-skt-intel-c612-chipset-sata-2xgbe-p-1341.html>