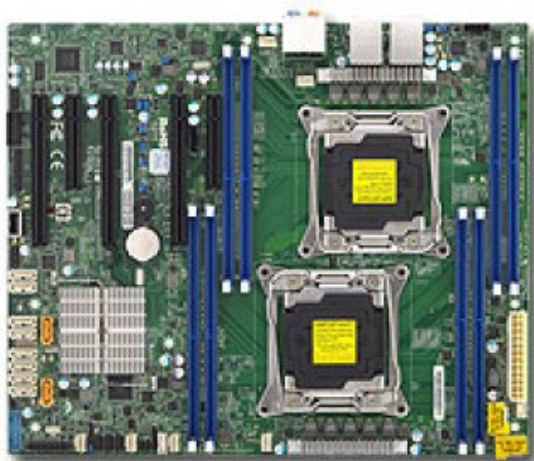


# Supermicro MBD-X10DAL-i, Dual SKT, Intel C612 Chipset, SATA, 2xGbE Bulk

Kod producenta: MBD-X10DAL-I-B



Category	Workstation
Form Factor	ATX
Dimensions	12" x 10"
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	8
Max Memory Size	2048 GB
# of PCIe x16 3.0	2
# of PCIe x4 3.0	8
# of PCIe x8 3.0	1
# 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 (header) 1 x USB 2.0 Type A
# of SATA Ports	10
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 i210 Dual Port Gigabit Ethernet
TPM	1 x TPM 1.2 20-pin Header
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 2.0 x4 (in x8) slot 1x PCI-E 3.0 x4 (in x8) slot 1x PCI-E 3.0 x8 (in x16) slot 2x PCI-E 3.0 x16 slots

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

<b>Product SKUs</b>	Chassis (Optimized for X10DAL-i)
MBD-X10DAL-i-B • X10DAL-i (Bulk Pack)	2U Chassis: • <a href="#">SC213LT-600LPB</a> • <a href="#">SC825TQ-600LPB</a>
MBD-X10DAL-i-O • X10DAL-i (Retail Pack)	Mid/Mini Tower Chassis: • SC732D4-500B • SC733TQ-665B
<b>Physical Stats</b>	4U / Tower Chassis: • <a href="#">SC743T-665B</a> • <a href="#">SC743TQ-865B-SQ</a>
Form Factor • ATX	• To support the new generation Intel® Xeon® processor-based motherboards, <b>Revision M</b> chassis is recommended. Please talk to your sales representative for details.
Dimensions • 12" x 10" (30.5cm x 25.4cm)	Important Chassis Notes
<b>Processor/Cache</b>	Expansion Slots
CPU • Intel® Xeon® processor E5-2600 v4/ v3 family (up to 160W TDP **)	• 2x PCI-E 3.0 x16
• Dual Socket R3 (LGA 2011)	PCI-Express • 1x PCI-E 3.0 x8 (in x16) • 1x PCI-E 3.0 x4 (in x8) • 1x PCI-E 2.0 x4 (in x8)
Cores / Cache • Up to <b>22 Cores</b> <sup>1</sup> / Up to <b>55MB</b> <sup>1</sup> Cache	<b>System BIOS</b>
System Bus • QPI up to 9.6 GT/s	BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS
Note <sup>1</sup> BIOS version 2.0 or above is required	• Plug and Play (PnP)
Note <b>** Motherboard supports this maximum TDP. Please verify your system can thermally support.</b>	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
<b>System Memory</b>	Management
Memory Capacity • 8x 288-pin DDR4 DIMM slots	Software • <a href="#">SuperDoctor® 5</a> • Watch Dog
• Up to 1TB <sup>1</sup> ECC 3DS LRDIMM, 256GB ECC RDIMM	Power Configurations • ACPI Power Management • Power-on mode for AC power recovery
Memory Type • <b>2400</b> /2133/1866/1600MHz ECC DDR4 SDRAM 72-bit	<b>PC Health Monitoring</b>
DIMM Sizes • RDIMM: 32GB, 16GB, 8GB, 4GB	Voltage • Monitors for CPU Cores, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory Voltages.
• LRDIMM: 64GB, 32GB	• 5 Phase-switching voltage regulator
• 3DS LRDIMM: 128GB	• 7x 4-pin fan headers (up to 7 fans)
Memory Voltage • 1.2 V	FAN • 7x fans with tachometer monitoring
Error Detection • Corrects single-bit errors	• Status monitor for speed control
<b>On-Board Devices</b>	• Pulse Width Modulated (PWM) fan connectors
Chipset • Intel® C612 chipset	• Monitoring for CPU and chassis environment
AHCI SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10	Temperature • CPU thermal trip support
SCU SATA • SATA3 (6Gbps); RAID 0, 1, 5, 10	• Thermal Control for 7x Fan Connectors
Network Controllers • Dual Gigabit Ethernet LAN ports via Intel® i210	• Thermal Monitor 2 (TM2) support
• Supports 10Base-T, 100BASE-TX, and 1000BASE-T, RJ45 output	• PECI
Audio • RealTek ALC888 7.1 High Definition Audio with S/PDIF header	LED • CPU / System Overheat LED
<b>Input / Output</b>	• Chassis intrusion detection
SATA • 10x SATA3 (6Gbps) ports	Other • Chassis intrusion header
LAN • 2x RJ45 Gigabit Ethernet LAN ports	Features • SDDC Support • RoHS
• 6x USB 3.0 ports (4 rear + 2 via header)	<b>Operating Environment</b>
USB • 3x USB 2.0 ports (2 via header + 1 Type A)	Operating Temperature Range • 10°C - 35°C (50°F - 95°F)
Audio • 7.1 HD Audio with optical S/PDIF	Non-Operating Temperature Range • -40°C - 70°C (-40°F - 158°F)
Serial Port / Header • 1x COM Port (1 header)	Operating Relative Humidity Range • 8% - 90% (non-condensing)
DOM • 2x SuperDOM (Disk on Module) ports	Non-Operating Relative Humidity Range • 5% - 95% (non-condensing)
TPM • 1x TPM 1.2 20-pin Header	

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x10dal-dual-skt-intel-c612-chipset-sata-2xgbe-bulk-p-2529.html>