

Supermicro MBD-X11DAC, Dual SKT, Intel C621 Chipset, SATA, LSI 3008 SAS3, 2xGbE, IPMI

Kod producenta: MBD-X11DAC-O



Category	Workstation
Form Factor	E-ATX
Dimensions	12" x 13"
CPU Socket	LGA 3647 (Socket P)
# of CPU sockets	2
Supported CPU's	Intel Xeon Scalable Processors
Chipset	C621
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC RDIMM
Memory Speed	2666 MHz 2400 MHz 2133 MHz
# of DIMM's	16
Max Memory Size	2048 GB
Integrated GPU	Aspeed AST2500
# of PCIe x16 3.0	3
# of PCIe x8 3.0	3
# of USB Ports	4 x USB 3.0 (rear) 2 x USB 3.0 (header)
# of SATA Ports	8
# of SAS Ports	8
Integrated RAID	0,1,5,10
Hardware RAID	0,1,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 1GbE Ports	2 x RJ45
Network Controllers	Dual LAN with GbE from C621
Integrated BMC	IPMI Shared RJ45
BMC chip	Aspeed AST2500
TPM	1 x TPM 2.0 20-pin Header

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs



MBD-X11DAC • X11DAC

Physical Stats



Form Factor • E-ATX

Dimensions • 12" x 13" (30.48cm x 33.02cm)

Processor/Cache



CPU • Intel® Xeon® Scalable Processors.
• Dual Socket P (LGA 3647)
supported, CPU TDP support 205W,
2 UPI up to 10.4 GT/s

System Memory



Memory Capacity • Up to 2TB 3DS ECC RDIMM,
DDR4-2666MHz, in 16 DIMM slots
Memory Type • 2666/2400/2133MHz ECC DDR4
RDIMM, LRDIMM

DIMM Sizes • RDIMM: 64GB
• LRDIMM: 64GB
• 3DS LRDIMM: 128GB

Memory Voltage • 1.2V

Error Detection • Corrects single-bit errors
• Detects double-bit errors (using
ECC memory)

On-Board Devices



Chipset • Intel® C621
SATA • Intel® C621 controller for 8
SATA3 (6 Gbps) ports; RAID 0,1,5,10
SAS • Broadcom 3008 SW RAID 8 ports
SAS3 0,1,10
IPMI • ASPEED AST2500
Network Controllers • Dual LAN with GbE from C621
Audio • 7.1 HD Audio
Graphics • Aspeed AST2500 BMC

Input / Output



USB • 6 USB 3.0 ports (4 rear + 2
headers)
Video Output • 1 VGA D-Sub Connector port
Serial Port / Header • 1 COM Port (1 header)
TPM • 1 TPM Header
Others • PS/2 COMBO

Expansion Slots



PCI-E • 3 PCI-E 3.0 x16 (in x16 slot),
• 3 PCI-E 3.0 x8

System BIOS



BIOS Type • AMI UEFI

Management



Software • IPMI (Intelligent Platform
Management Interface) v2.0 with
KVM support, KVM with dedicated
LAN, NMI, SPM, SSM, SUM,
SuperDoctor® 5, SuperDoctor® III,
Watchdog

PC Health Monitoring



Voltage • +1.5V, +12V, +3.3V, +5V, +5V
standby, 1.2V (VDIMM), 3.3V standby,
7-fan status, Memory, Memory
Voltages, Monitors CPU voltages,
Monitors for CPU Cores, Supports
system management utility, System
level control, System temperature,
VBAT
FAN • 7x 4-pin fan headers (up to 7 fans),
7 fans with tachometer status
monitoring

Temperature • N/A

LED • N/A

Other Features • Chassis intrusion detection, CPU
thermal trip support for processor
protection, Node Manager Support,
RoHS

Operating Environment



Operating Temperature • 10°C - 35°C (50°F - 95°F)
Range

Non-Operating Temperature • -20°C ~ 60°C (-4°F ~ 140°F)
Range

Operating Relative Humidity • 8% - 90% (non-condensing)
Range

Non-Operating Relative Humidity • 5% - 95% (non-condensing)
Range

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11dac-dual-skt-intel-c621-chipset-sata-lsi-3008-sas3-2xgbe-ipmi-p-3810.html>