

# Supermicro MBD-X11DDW-L, Dual SKT, Intel C621 Chipset, SATA, 2xGbE, IPMI, M.2

Kod producenta: MBD-X11DDW-L-O



Category	Server
Form Factor	ATX
Dimensions	12.076" x 10.15"
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	12
Max Memory Size	1536 GB
Integrated GPU	Aspeed AST2500
# of PCIe x16 3.0	2
# of USB Ports	4 x USB 3.0 (rear) 2 x USB 3.0 1 x USB 3.0 Type A
# of SATA Ports	14
Storage Controllers	14 x SATA 6Gb/s
Integrated RAID	0,1,5,10
# of 1GbE Ports	2 x RJ45
Network Controllers	Dual LAN with GbE from C621
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
TPM	1 x TPM 2.0 20-pin Header
Uwagi	PCI-Express Slots Configuration: 1x PCI-E 3.0 x32 LR Slot 1x PCI-E 3.0 x16 RR Slot 1x PCI-E 3.0 x16 (AOM) M.2 Interface:PCI-E 3.0 x4 Form Factor:2242, 2260, 2280, 22110 Key:M-Key

## Product SKUs

MBD-X11DDW-L • X11DDW-L

## Physical Stats

Form Factor • 12.3" x 13.4"

Dimensions • 12.3" x 13.4" (31.24cm x 34.04cm)

## 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 1.5TB 3DS ECC RDIMM and DDR4-2666MHz, Up to 1.5TB 3DS ECC LRDIMM, in 12 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 14 SATA3 (6 Gbps) ports; RAID 0,1,5,10

IPMI • ASPEED AST2500

Network Controllers • Dual LAN with GbE from C621

Graphics • Aspeed AST2500 BMC

## Input / Output

LAN • 2 RJ45 Gigabit Ethernet LAN ports

USB • 6 USB 3.0 ports (4 rear + 2 via header(s))

Video Output • 1 VGA port(s)

TPM • 1 TPM Header

## Expansion Slots

PCI-E • 1 PCI-E 3.0 x32 Left Riser Slot,  
• 1 PCI-E 3.0 x16 Right Riser Slot,  
• 1 PCI-E 3.0 x16 for Add-On-Module (AOM)

M.2 • Interface: PCIe 3.0 x4  
• Form Factor: M-Key 2242, 2260, 2280, 22110

## System BIOS

BIOS Type • UEFI 256Mb

## Management

Software • Intel® Node Manager, IPMI2.0, KVM with dedicated LAN, SPM, SSM, SUM, SuperDoctor® 5, Watchdog

## PC Health Monitoring

Voltage • +1.8V, +12V, +3.3V, +5V, +5V standby, 5 (4-pin), 5+1 Phase-switching voltage regulator, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, VBAT

FAN • 5x 4-pin fan headers (up to 5 fans), 5 fans with tachometer status monitoring, Dual Cooling Zone, PWM fan speed control, Thermal control tachometer fan connectors

Temperature • CPU thermal trip support

LED • CPU / System Overheat LED  
• UID/Remote UID

Other Features • Chassis intrusion detection, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, Node Manager Support, RoHS, UID

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11ddw-dual-skt-intel-c621-chipset-sata-2xgbe-ipmi-m2-p-3219.html>