

# Supermicro MBD-X11DPH-T, Dual SKT, Intel C624 Chipset, SATA, 2x10GbE, IPMI Bulk

Kod producenta: MBD-X11DPH-T-B



Category	Server
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	C624
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	4
# of USB Ports	4 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A
# of SATA Ports	10
Storage Controllers	10 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (rear)
# of 10GbE Ports	2 x RJ45
Network Controllers	Intel x557 Dual Port 10 Gigabit Base-T
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
TPM	1 x TPM 2.0 20-pin Header
Uwagi	PCI-Express Slots Configuration: M.2 Interface: 2x PCI-E 3.0 x4 M.2 Form Factor: 22110 M.2 Key: M-Key (RAID 0,1 support)

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

## Product SKUs

MBD-X11DPH-T • X11DPH-T

## Physical Stats

Form Factor • E-ATX

Dimensions • N/A

## Processor/Cache

CPU • Intel® Xeon® Scalable Processors.  
• Dual Socket P (LGA 3647) supported,  
CPU TDP support 205W, 3 UPI up to  
10.4 GT/s

## System Memory

Memory Capacity • Up to 2TB 3DS ECC RDIMM and  
DDR4-2666MHz, Up to 2TB 3DS ECC  
LRDIMM, 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® C624

SATA • Intel® C624 controller for 10  
SATA3 (6 Gbps) ports; RAID 0,1,5,10

IPMI • ASPEED AST2500

Network Controllers • Dual LAN with 10GBase-T with  
Intel® X557

## Input / Output

USB • 7 USB 3.0 ports (4 rear + 2 via  
header(s) + 1 Type A)

Video Output • 1 VGA port(s)

Serial Port / Header • 2 COM Ports (1 rear, 1 header(s))

TPM • 1 TPM Header

## Expansion Slots

PCI-E • 3 PCI-E 3.0 x16,  
• 4 PCI-E 3.0 x8  
• Interface: PCIe 3.0 x4 and PCIe 3.0  
x4

M.2 • Form Factor: M-Key 22110 (RAID  
0,1 support)

## System BIOS

BIOS Type • AMI UEFI

## 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, 6+1 Phase-switching  
voltage regulator, 7-fan status,  
Chassis intrusion header, Monitors  
CPU voltages, Supports system  
management utility, System  
temperature, VBAT

FAN • 7fan headers (up to 7 fans), 7 fans  
with tachometer status monitoring,  
Dual Cooling Zone, Fan speed control,  
Overheat LED indication, PWM fan  
speed control

Temperature • CPU thermal trip support  
• Monitoring for CPU and chassis  
environment

LED • PECEI  
• CPU / System Overheat LED  
• UID/Remote UID  
• Suspend static indicator LED

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

## Operating Environment

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-x11dph-dual-skt-intel-c624-chipset-sata-2x10gbe-ipmi-bulk-p-3234.html>*