

Supermicro MBD-X11DPH-I, Dual SKT, Intel C621 Chipset, SATA, 2xGbE, IPMI, M.2

Kod producenta: MBD-X11DPH-I-O



| | |
|---------------------|---|
| 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 | 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 | 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 1GbE Ports | 2 x RJ45 |
| Network Controllers | Marvell 88E1512 Dual Port Gigabit Ethernet |
| Integrated BMC | IPMI Dedicated RJ45 |
| BMC chip | Aspeed AST2500 |
| TPM | 1 x TPM 2.0 20-pin Header |
| Uwagi | Expansion Slots M.2 Interface: 2x PCI-E 3.0 x4 Form Factor:M-Key 22110 (RAID 0,1 support) |

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

Product SKUs

MBD-X11DPH-I • X11DPH-I

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, 3 UPI up to 10.4 GT/s
- CPU1: Skylake-F CPU supported

System Memory

Memory Capacity

- Up to 1TB 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® C621

SATA

- Intel® C621 controller for 10 SATA3 (6 Gbps) ports; RAID 0,1,5,10

IPMI

- ASPEED AST2500

Network Controllers

- Dual LAN with 1GbE with Marvell® 88E1512

Input / Output

SATA

- 10 SATA3 (6Gbps) ports

LAN

- 2 1GbE LAN ports

USB

- 7 USB 3.0 ports (4 rear + 2 headers + 1 Type A)

Video Output

- 1 VGA port

Serial Port / Header

- 2 COM Ports (1 rear, 1 header)

TPM

- 1 TPM Header

Expansion Slots

PCI-E

- 3 PCI-E 3.0 x16,
- 4 PCI-E 3.0 x8

M.2

- M.2 Interface: PCI-E 3.0 x4 and PCI-E 3.0 x4
- 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

- PECE

LED

- CPU / System Overheat LED

LED

- UID/Remote UID

LED

- 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-c621-chipset-sata-2xgbe-ipmi-m2-p-3463.html>