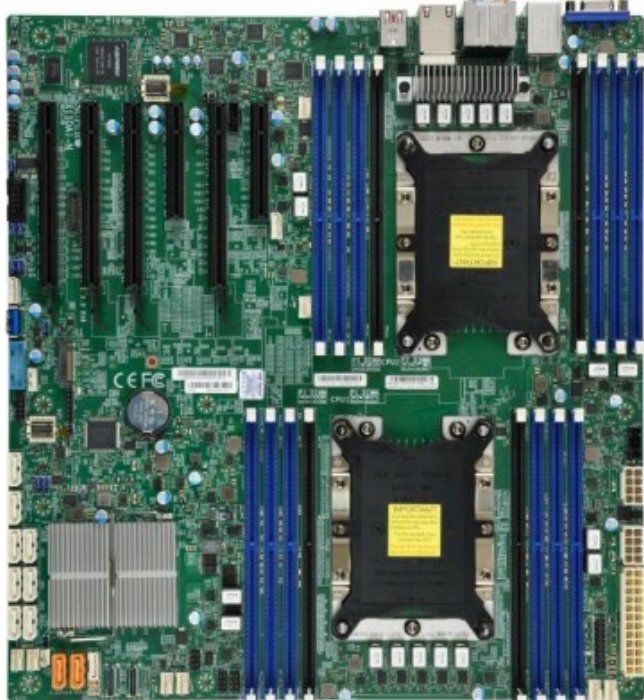


# Supermicro MBD-X11DAi-N, Dual SKT, Intel C621 Chipset, SATA, IPMI

Kod producenta: MBD-X11DAi-N-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	4
# of PCIe x8 3.0	2
# of USB Ports	2 x USB 3.1 (rear) 4 x USB 3.0 (rear)
# of SATA Ports	10
Storage Controllers	10 x SATA 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	Dual LAN with GbE from C621
Integrated BMC	IPMI Shared RJ45
BMC chip	Aspeed AST2500
TPM	1 x TPM 2.0 20-pin Header
Uwagi	Expansion Slots: M.2 Interface:PCI-E 3.0 x4 Form Factor:2260, 2280, 22110 Key:M-Key

Poniżej prezentujemy szczegółowy opis techniczny oferowanego produktu:

## Product SKUs

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MBD-X11DAi-N • X11DAi-N

## Physical Stats

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Form Factor • E-ATX

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

## Processor/Cache

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### 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

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### 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

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### 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 GbE from C621

### Audio

- 7.1 HD Audio

### Graphics

- Aspeed AST2500 BMC

## Input / Output

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### USB

- 4 USB 3.0 ports (4 rear via header(s)),
- 2 USB 3.1 ports (2 rear)

### Video Output

- 1 VGA port(s)

### Serial Port / Header

- 1 COM Port (1 header(s))

### TPM

- 1 TPM Header

### Others

- Thunderbolt header for Thunderbolt 3.0 AOC support

## Expansion Slots

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### PCI-E

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

### M.2

- Interface: PCIe 3.0 x4
- Form Factor: M-Key 2260, 2280, 22110

## System BIOS

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### BIOS Type

- UEFI 128M

## Management

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### Software

- Intel® Node Manager, IPMI2.0, SPM, SSM, SUM, SuperDoctor® 5, Watchdog

## PC Health Monitoring

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### Voltage

- +1.8V, +12V, +3.3V, +5V, +5V standby

### FAN

- 8x 4-pin fan headers (up to 8 fans), 8x fans with tachometer monitoring, Fan speed control, Overheat LED indication, Pulse Width Modulated (PWM) fan connectors

### Temperature

- N/A

### LED

- N/A

### Other Features

- Chassis intrusion detection, CPU thermal trip support for processor protection, Node Manager Support, RoHS

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11dai-dual-skt-intel-c621-chipset-sata-ipmi-p-3134.html>