

Supermicro MBD-X11DPi-N, Dual SKT, Intel C621 Chipset, SATA, 2xGbE, IPMI, M.2

Kod producenta: MBD-X11DPi-N-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	4
	# of PCIe x8 3.0	2
	# of USB Ports	2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A 2 x USB 2.0 (rear) 2 x USB 2.0 (header)
	# of SATA Ports	14
	Storage Controllers	14 x AHCI iSATA 6Gb/s
	Integrated RAID	0,1,5,10
	# of Serial Ports	1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header)
	# of 1GbE Ports	2 x RJ45
	Network Controllers	Dual LAN with GbE from Intel C621
	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: 1x PCI-E 3.0 x4 M.2 Form Factor: 2260 2280 22110

Product SKUs	
MBD-X11DPi-N • X11DPi-N	
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)
Cores / Cache	supported, CPU TDP support 205W, 2 UPI up to 10.4 GT/s
	• CPU1: Skylake-F CPU supported
• Up to 28 cores	
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
Memory Voltage	• LRDIMM: 128GB
	• 3DS LRDIMM: 128GB
Error Detection	• 1.2V
	• 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	
SATA	• 14 SATA3 (6Gbps) port
LAN	• 2 RJ45 Gigabit Ethernet LAN ports
USB	• 2 USB 2.0 ports (2 rear),
	• 5 USB 3.0 ports (2 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	• 4 PCI-E 3.0 x16,
	• 2 PCI-E 3.0 x8
M.2	• Interface: PCIe 3.0 x4
	• Form Factor: 2260, 2280, 22110
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, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control
	• 8x 4-pin fan headers (up to 8 fans), PWM fan speed control
FAN	• N/A
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 Range	• 0°C ~ 50°C (32°F ~ 122°F)
Non-Operating Temperature Range	• -20°C ~ 60°C (-4°F ~ 140°F)
Operating Relative Humidity Range	• 10% ~ 85% (non-condensing)
Non-Operating Relative Humidity Range	

Strona firmowa produktu:

<https://www.superstorage.pl/supermicro-mbd-x11dpi-dual-skt-intel-c621-chipset-sata-2xgbe-ipmi-m2-p-3221.html>