

ASRock SPC621D8-2T, 1xSKT LGA4189, 3Gen. Intel Xeon Scalable, C621A, 8xDIMM, SATA, 2xM.2, 2x10GbE, IPMI

Kod producenta: SPC621D8-2T



Category	Server
Form Factor	ATX
Dimensions	12" x 9.6"
CPU Socket	LGA 4189 (Socket P+)
# of CPU sockets	1
Supported CPU's	Intel Xeon Scalable 3rd Gen
Chipset	C621A
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM DDR4 ECC 3DS RDIMM DDR4 ECC 3DS LRDIMM
Memory Speed	3200 MHz
# of DIMM's	8
Max Memory Size	2048 GB
Integrated GPU	ASPEED AST2500
# of PCIe x16 4.0	4
# of PCIe x8 4.0	3
# of USB Ports	4 x USB 3.0 (rear) 2 x USB 3.2 (header) 2 x USB 2.0 (header) 1 x USB 2.0 (port)
# of SATA Ports	6
# of SATA DOM power	2
# of SAS Ports	1
Integrated RAID	0,1,5,10
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 17-pin Header

SPC621D8-2T

- ATX (12" x 9.6")
- Supports 3rd Gen Intel® Xeon® Scalable Processors
- 8 DIMM slots (1DPC), supports DDR4 RDIMM, LRDIMM, RDIMM/LRDIMM-3DS, and Intel® Optane™ Persistent Memory
- 4 PCIe4.0 x16, 3 PCIe4.0 x8
- Supports 1 M.2 (PCIe3.0 x4 or SATA 6Gb/s), 1 M.2 (PCIe3.0 x1 or SATA 6Gb/s)

- 12 SATA 6Gb/s (including 2 ports from M.2)
- 2 RJ45 (10GbE) by Intel® X710-AT2
- Remote management (IPMI)

Specyfikacja

Parametry płyty głównej	
Form Factor	ATX
Dimensions	12" x 9.6"
Procesor	
CPU	Supports 3 rd Gen Intel® Xeon® Scalable processors
Socket	Single Socket P+ (LGA 4189)
Chipset	Intel® C621A
Pamięć operacyjna	
Supported DIMM Quantity	8 DIMM slots (1DPC)
Supported Type	Supports DDR4 288-pin RDIMM, LRDIMM, RDIMM/LRDIMM-3DS, Intel® Optane™ Persistent Memory 200 series
Max. Capacity per DIMM	RDIMM: up to 64GB RDIMM-3DS: up to 256GB LRDIMM: up to 128GB LRDIMM-3DS: up to 256GB
DIMM Frequency	max. 3200MHz
Voltage	1.2V
Sloty rozszerzeń	
PCIe x 16	SLOT7: PCIe4.0 x16*
	SLOT5: PCIe4.0 x16*
	SLOT3: PCIe4.0 x16*
	SLOT1: PCIe4.0 x16
	* SLOT7/5/3 auto-switch to PCIe4.0 x8 when SLOT6/4/2 occupied
PCIe x 8	SLOT6: PCIe4.0 x8
	SLOT4: PCIe4.0 x8
	SLOT2: PCIe4.0 x8
Pozostałe złącza PCIe	
M.2 slot	1 M-key (PCIe3.0 x4 or SATA 6Gb/s), supports 22110/2280/2242 form factor
	1 M-key (PCIe3.0 x1 or SATA 6Gb/s), supports 22110/2280/2242 form factor
Magazynowanie	
PCH Built-in Storage	Intel® C621A (12 SATA 6Gb/s; RAID 0/1/5/10): 1 Mini-SAS HD, 4 SATA 7-pin, 2 SATA DOM, 2 M.2
Ethernet	
Additional GbE Controller	Intel® X710-AT2: 2 RJ45 (10 GbE)
Zarządzanie	
BMC Controller	ASPEED AST2500

IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN
Grafika	
Controller	ASPEED AST2500
VRAM	DDR4 16MB
Tylny panel I/O	
UID Button/LED	1
VGA Port	1 DB15
USB 3.2 Gen1 Port	4 Type-A (USB3.2 Gen1)
RJ45	2 RJ45 (10GbE)
Dedicate LAN	1 dedicated IPMI
Złącza wewnętrzne	
Auxiliary Panel Header	1 (18-pin): chassis intrusion, system fault LED, LAN1/LAN2 activity LED, locate, SMBus
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
COM Header	1
Video output	1
Speaker Header	1
Buzzer	1
Fan Header	5 (6-pin)
Thermal Sensor Header	1
TPM Header	1 (17-pin, LPC), 1 (13-pin, SPI)
VROC header	1
SGPIO Header	1
SMBus header	1
PMB header	1
IPMB Header	1
Clear CMOS	1 (contact pads)
USB 3.2 (Gen1) Header	1 (19-pin, 2 USB3.2 Gen1)
USB 2.0 Header	1 (9-pin, 2 USB2.0)
Type A USB 2.0 Port	1 (Type-A, 1 USB2.0)
NMI Header	1

Power Connector	1 (24-pin, ATX main power), 1 (8-pin, ATX 12V), 1 (4-pin, ATX 12V), 1 (3-pin, SATA power)
ME/SPS Recovery	1
NC-SI	1
LED Indicators	
Standby PWR LED 5vsb	1
80 Debug Port LED	1
Fan Fail LED	5
System BIOS	
BIOS Type	256Mb SPI Flash ROM
BIOS Features	AMI UEFI BIOS
Hardware Monitor	
Temperature	CPU, PCH, MB, Card side Temperature Sensing
Fan	CPU/Rear/Front Fan Tachometer CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) CPU/Rear/Front Fan Multi-Speed Control
Voltage	+12V, +5V, +3.3V, CPU Vcore, DRAM, 1.05V_PCH, +BAT, 3.3VSB, 5VSB
Środowisko	
Temperature	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C
Humidity	Non operation humidity: 20% ~ 90% (Non condensing)

Specyfikacja może ulec zmianie bez wcześniejszego powiadamiania. Marka i nazwy produktów są znakami towarowymi ich właścicieli. Działanie konfiguracji innych niż wynikające ze specyfikacji nie jest gwarantowane.

Strona firmowa produktu:
<https://www.superstorage.pl/asrock-spc621d8-2t-1xskt-lga4189-3gen-intel-xeon-scalable-c621a-8xdimm-sata-2xm2-2x10gbe-ipmi-p-5383.html>