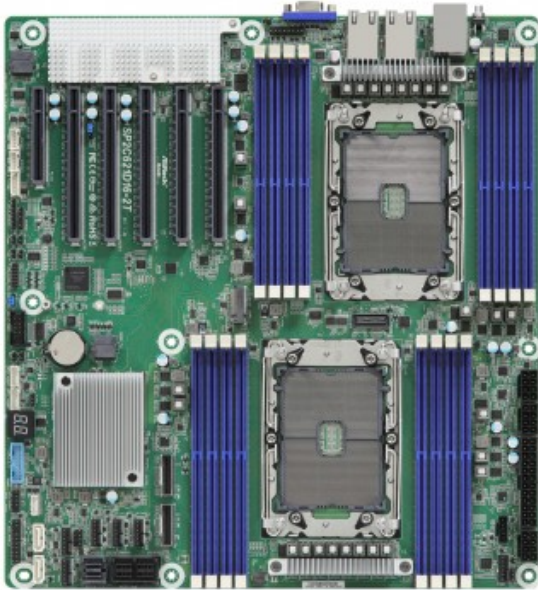


ASRock SP2C621D16-2T, 2xSKT LGA4189, 3Gen. Intel Xeon Scalable, C621A, 16xDIMM, SATA, 1xM.2, 2x10GbE, IPMI

Kod producenta: SP2C621D16-2T



Category	Server
Form Factor	EEB
Dimensions	12" x 13"
CPU Socket	LGA 4189 (Socket P+)
# of CPU sockets	2
Supported CPU's	Intel Xeon Scalable 3rd Gen
Chipset	C621A
Memory Type	DDR4 ECC 3DS LRDIMM DDR4 ECC LRDIMM DDR4 ECC 3DS RDIMM DDR4 ECC RDIMM
Memory Speed	3200MHz
# of DIMM's	16
Integrated GPU	Aspeed AST2500
# of PCIe x16 4.0	5
# of PCIe x8 4.0	1
# of USB Ports	2x USB 3.2 (rear) 2x USB 3.2(header)
# of SATA Ports	2
# of SAS Ports	4
# of M.2 22110	1
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 13-pin Header

SP2C621D16-2T

- EEB (12" x 13")
- Dual Socket P+ (LGA 4189), supports 3rd Gen Intel Xeon Scalable processors
- 8+8 DIMM slots (1DPC), supports DDR4 RDIMM, LRDIMM, and Intel Optane™ Persistent Memory
- 5 PCIe4.0 x16, 1 PCIe4.0 x8
- 2 SlimSAS (PCIe4.0 x8)
- Supports 1 M.2 (PCIe4.0 x4)
- 14 SATA 6Gb/s
- 2 RJ45 (10GbE) by Intel X710
- Remote management (IPMI)

Specyfikacja

Parametry płyty głównej	
Standard	EEB
Wymiary	12" x 13"
Procesor	
CPU	Supports 3rd Gen Intel Xeon Scalable processors
Socket	Dual Socket P+ (LGA 4189)
Chipset	Intel C621A
Pamięć operacyjna	
Pojemność	8+8 DIMM slots (1DPC)
Rodzaj	Supports DDR4 288-pin RDIMM/RDIMM-3DS/LRDIMM/LRDIMM-3DS, Intel Optane™ Persistent Memory 200 Series
DIMM Size Per DIMM	RDIMM: up to 64GB RDIMM-3DS: up to 256GB LRDIMM: up to 128GB LRDIMM-3DS: up to 256GB
Max. DIMM Frequency	max. 3200MHz
Napięcie	1.2V
Sloty rozszerzeń	
PCIe x 16	SLOT6: PCIe4.0 x16 [CPU2]
	SLOT5: PCIe4.0 x16 [CPU2]
	SLOT4: PCIe4.0 x16 [CPU2]
	SLOT3: PCIe4.0 x16 [CPU1]
	SLOT2: PCIe4.0 x16 [CPU1]
PCIe x 8	SLOT1: PCIe4.0 x8 [CPU1]
Magazynowanie	
Kontroler SATA	Intel C621A (14 SATA 6Gb/s, support RAID 0/1/5/10): 1 Mini-SAS HD 8i, 1 Mini-SAS HD 4i, 2 SATA 7-pin
Others	2 SlimSAS (PCIe4.0x8) [CPU1]
M.2 slot	1 M-key (PCIe4.0 x4); Support 22110/2280 form factor [CPU1]
Ethernet	
Additional GbE Controller	2 RJ45 (10GbE) by Intel X710
Zarządzanie	
Kontroler BMC	ASPEED AST2500
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2500
VRAM	DDR4 16MB
Tylny panel I/O	
Port VGA	1 DB15
Port USB 3.0	2 Type-A (USB3.2 Gen1)

Port Lan	2 RJ45 (10GbE)
UID Button/UID LED	1
Złącza wewnętrzne	
Power Connector	1 (24-pin, ATX main power), 3 (8-pin, ATX 12V)
Port śledź COM	1
Złącze panelu AUX	1 (18-pin): chassis intrusion, system fault LED, LAN1/LAN2 activity LED, locate, SMBus
Złącze TPM	1 (13-pin, SPI)
Złącze VGA	1
Złącze wentylatorów	4 (8-pin), 2 (6-pin)
Złącze panelu USB 3.2 (Gen1)	1 (19-pin, 2 USB3.2 Gen1)
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
BMC_SMB Header	1
CPU HSBP	1
VROC KEY	1
Clear CMOS	1 (contact pads)
BIOS	
Rodzaj BIOS	AMI 256 Mb SPI Flash ROM
Cechy BIOS	ASRock Rack Instant Flash, ACPI 5.0, SMBIOS 2.3, Plug and Play (PnP)
Hardware Monitor	
Temperatura	CPU, PCH, MB, Card side, X710 Temperature Sensing
Wentylator	CPU/Rear/Front Fan Tachometer CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) CPU/Rear/Front Fan Multi-Speed Control
Napięcie	CPU1_PVCCIN, CPU2_PVCCIN, PVDDQ_ABCD, PVDDQ_EFGH, PVDDQ_IJKL, PVDDQ_MNOP, 1.05V_PCH, 1.8V_PCH, +BAT, PVNN_PCH, 3.3V, 5V, 12V, 3.3VSB, 5VSB
Obsługiwane systemy	
System operacyjny	Microsoft Windows :
	Server 2016 (64 bit)
	Server 2019 (64 bit)
	Server 2022 (64 bit)
	Linux :
	Red Hat Enterprise Linux Server 7.9 (64 bit) / 8.5 (64 bit)
	CentOs 7.9 (64 bit) / 8.5 (64 bit)
	SUSE Enterprise Linux Server 15 SP2 (64 bit)
	Ubuntu 20.04.2 (64 bit) / 21.04 (64 bit) / 21.10 (64 bit)
	Hypervisor :
	VMWare ESXi 6.7.0 U3 / vSphere 6.7.0 U3
	VMWare ESXi 7.0 U3c / vSphere 7.0 U3c
Środowisko	

Temperatura	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-sp2c621d16-2t-2xskt-lga4189-3gen-intel-xeon-scalable-c621a-16xdi-mm-sata-1xm2-2x10gbe-ipmi-p-7000.html>