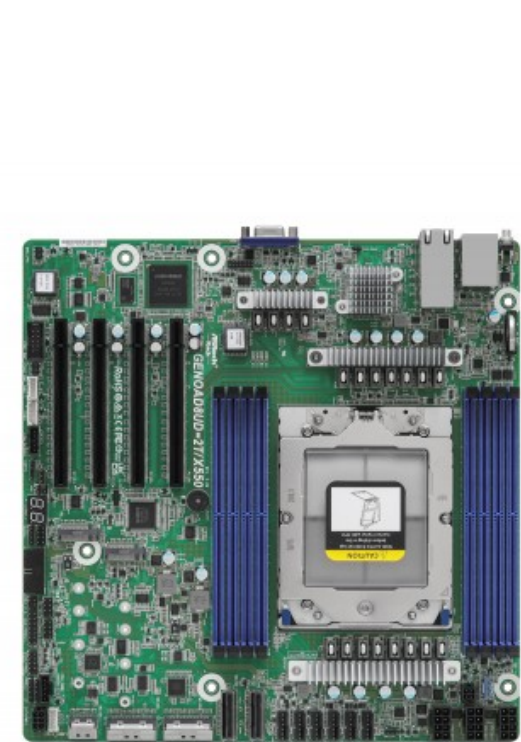


ASRock GENOAD8UD-2T/X550, 1xSKT SP5, AMD EPYC 9004, SoC, 8xDIMM, SATA, 2xM.2, 2x10GbE, IPMI

Kod producenta: GENOAD8UD-2T/X550



Category	Server
Dimensions	10.4" x 10.5"
CPU Socket	LGA 6096 (Socket SP5)
# of CPU sockets	1
Supported CPU's	AMD EPYC 9004 AMD EPYC 97x4
Chipset	System on Chip
Memory Type	DDR5 ECC RDIMM DDR5 ECC 3DS RDIMM
Memory Speed	4800 MHz
# of DIMM's	8
Integrated GPU	Aspeed AST2600
# of PCIe x16 5.0	4
# of USB Ports	2 x USB 3.2 (rear) 2 x USB 3.2 (header)
# of M.2 2280	2
# of 10GbE Ports	2 x RJ45
Network Controllers	Intel X550-AT2
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2600
TPM	1 x TPM 2.0 13-pin Header

GENOAD8UD-2T/X550

- 10.4" x 10.5"
- Single Socket SP5 (LGA 6096), supports AMD EPYC 9004 (with AMD 3D V-Cache Technology) and 97x4 series processors
- 8 DIMM slots (1DPC), supports DDR5 RDIMM, RDIMM-3DS
- 4 PCIe5.0 / CXL1.1 x16
- 2 MCIO (PCIe5.0 x8 or 8 SATA 6Gb/s), 2 MCIO (PCIe5.0 x8), 1 MCIO (PCIe5.0 x4)
- Supports 2 M.2 (PCIe5.0 x4)
- Up to 16 SATA 6Gb/s
- 2 RJ45 (10GbE) by Intel X550-AT2
- Remote Management (IPMI)
- Support ATX PSU or 12V DC-IN

Specyfikacja

Wymiary 10.4" x 10.5"

Procesor	
CPU	Supports AMD EPYC 9004 (with AMD 3D V-Cache Technology) and 97x4 series processors
Socket	Single Socket SP5 (LGA 6096)
Chipset	System on Chip
Pamięć operacyjna	
Pojemność	8 DIMM slots (1DPC)
Rodzaj	Supports DDR5 288-pin RDIMM, RDIMM-3DS
DIMM Size Per DIMM	RDIMM: 64GB (2R) RDIMM-3DS: 512GB (2S8Rx4)
Max. DIMM Frequency	4800 MHz
Napięcie	1.1V
Sloty rozszerzeń	
PCIe x 16	SLOT6: PCIe5.0 / CXL1.1 x16□ SLOT5: PCIe5.0 / CXL1.1 x16 SLOT4: PCIe5.0 / CXL1.1 x16 SLOT3: PCIe5.0 / CXL1.1 x16
Magazynowanie	
Kontroler SATA	AMD EPYC 9004 (16 SATA 6Gb/s): 2 MCIO
Others	2 MCIO (PCIe5.0 x8) 2 MCIO (PCIe5.0 x8 or 8 SATA 6Gb/s) 1 MCIO (PCIe5.0 x4)
M.2 slot	2 M-key (PCIe5.0 x4); support 2280/2260/2242/2230 form factor
Ethernet	
Additional GbE Controller	Intel X550-AT2: 2 RJ45 (10GbE)
Zarządzanie	
Kontroler BMC	ASPEED AST2600
IPMI Dedicated GLAN	1 Realtek RTL8211F for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2600
VRAM	DDR4 512MB
Tylny panel I/O	
Port VGA	1 DB15 (VGA)
Port USB 3.0	2 Type-A (USB3.2 Gen1)
Port Lan	2 RJ45 (10GbE) 1 dedicated IPMI
UID Button/UID LED	1 UID button w/ LED
Złącza wewnętrzne	
Power Connector	1 (4-pin, ATX PSU signal) w/ ATX 24-pin adapter cable, 3 (8-pin, ATX 12V) support 12V DC-in

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 czujnika temperatury	1
Złącze IPMB	1
Złącze wentylatorów	6 (6-pin)
Other Power Connectors	1 (6-pin) for HDD power
Złącze panelu USB 3.2 (Gen1)	1 (19-pin, 2 USB3.2 Gen1)
NMI Header	1
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
Głośnik	1 (4-pin)
BMC_SMB Header	1
SGPIO Header	2
CPU HSBP	1
Clear CMOS	1 (contact pads)
Onboard LED	
Standby PWR LED 5vsb	1 (5VSB)
Fan Fail LED	6
BMC heartbeat LED	1
BIOS	
Rodzaj BIOS	AMI UEFI BIOS; 256 Mb (32MB) SPI Flash ROM
Cechy BIOS	ASRock Rack Instant Flash, ACPI 6.4 and above compliance wake up events, SMBIOS 3.5.0 and above, Plug and Play(PnP)
Hardware Monitor	
Temperatura	CPU, MB, TR1 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	VCORE,VCCSA,VCCM,3V, 5V, 12V, +BAT, 3VSB, 5VSB,VCCIO,+2.5V_VPP
Obsługiwane systemy	

System operacyjny	Microsoft Windows:
	- Server 2019 (64bit)
	- Server 2022 (64 bit)
	Linux:
	- RedHat Enterprise Linux Server 8.6 (64bit) / Server 8.7 (64bit) / Server 9.0 (64bit) / Server 9.1 (64bit)
	- SUSE SLES 15.4(64 bit)
	- UBuntu 20.04.5 (64 bit) / 22.04 (64 bit) / 22.10 (64 bit)
	Hypervisor:
	- VMWare ESXi/ 7.0 U3i / 8.0
	- CITRIX Hypervisor 8.2.1

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-genoad8ud-2tx550-1xskt-sp5-amd-epyc-9004-soc-8xdimm-sata-2xm2-2x10gbe-ipmi-p-6997.html>