

GENOAD8UD-2T/X550



10Gbase-T



4800



PCI-E5.0

SLOT6: PCIe5.0/CXL1.1 x16
 SLOT5: PCIe5.0/CXL1.1 x16
 SLOT4: PCIe5.0/CXL1.1 x16
 SLOT3: PCIe5.0/CXL1.1 x16

2 M.2 (PCIe4.0 x4)

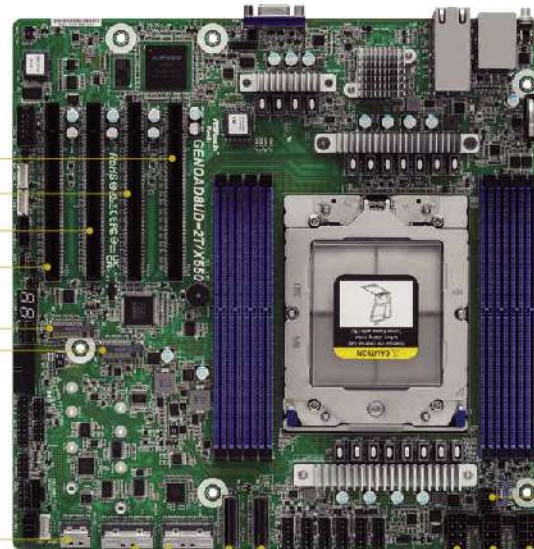
1 MCI0 (PCIe5.0 x4)

2 MCI0 (PCIe5.0 x8 or 8 SATA 6Gb/s)

2 MCI0 (PCIe5.0 x8)

12V DC-in

Micro-fit (ATX PSU signal)



Application

- Compact Storage Server
- Enterprise NAS
- Compact GPU Tower



		GENOAD8UD-2T/X550
Power source		Supports ATX PSU and 12V DC-in
Form Factor		10.4" x 10.5"
Processor System	CPU	1 Socket SP5 (SM-LGA-6096); Supports AMD EPYC 9004 Processors
	FCH	System on chip
Memory	Capacity	8 DDR5 288-pin DIMM Slots (1DPC); Supports RDIMM, RDIMM-3DS RDIMM: up to 64GB (2R), max. 4800MHz; 3DS RDIMM: up to 512GB (2S8RX4), max. 4800MHz
Expansion	PCIe slot	SLOT6: PCIe5.0/ CXL1.1 x16 SLOT5: PCIe5.0/ CXL1.1 x16 SLOT4: PCIe5.0/ CXL1.1 x16 SLOT3: PCIe5.0/ CXL1.1 x16
	Others	2 MCI0 (PCIe5.0 x8) 2 MCI0 (PCIe5.0 x8 or 8 SATA 6Gb/s) 1 MCI0 (PCIe5.0 x4)
Storage	M.2	2 M-key (PCIe4.0 x4), supports 2280/2260/2242/2230 form factor
	SATA port	16 SATA 6 Gb/s: 2 MCI0
Network	RJ45	2 RJ45 (10GbE) by Intel® X550 ^{Note1}
Management	BMC	ASPEED AST2600
	Dedicated IPMI	1 RJ45 via Realtek RTL8211F
I/O	USB	4 USB3.2 Gen1 ports: 2 rear Type-A, 2 via 19-pin header
	COM port	1 (9-pin) header
	Video	1 DB15 (VGA)
Security	TPM	Supports 13-pin (SPI) TPM modules

Note1: R1.00 for LAN chip Intel® X710, R5.00 for LAN chip Intel® X550