AMD EPYC

ROMED8-2T

AMD EPYC Series — 4094

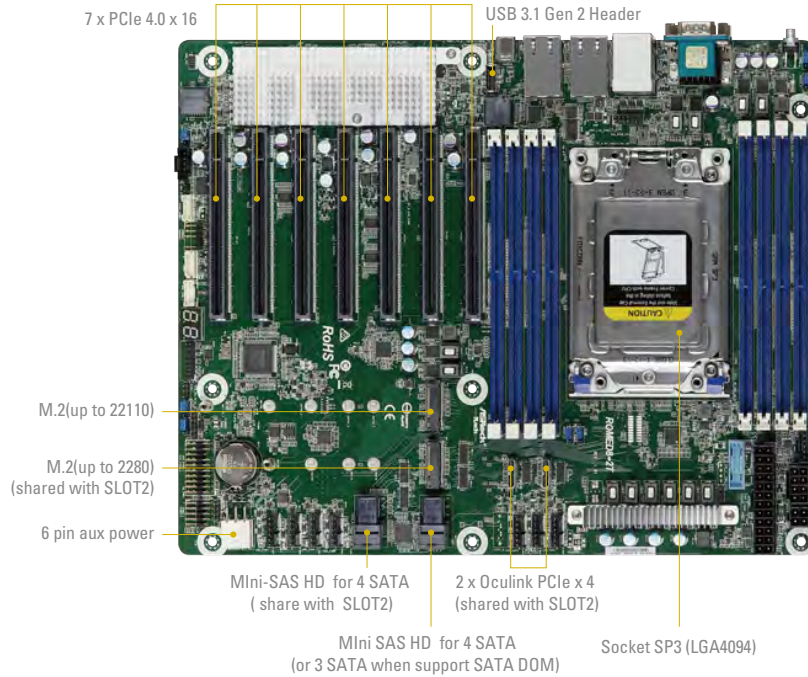**DDR4 3200** — 3200

10G 10Gbase-T

PCI-E 4.0 — PCI-E 4.0

Slot2 jumper setting :
-PCIe 4.0 x16
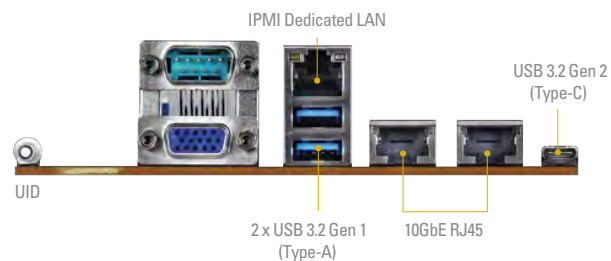-PCIe 4.0 x8 when requiring more than 1 xM.2 and /or mini SAS HD
-No funtion when requiring Oculink

7 x PCIe 4.0 x 16

USB 3.1 Gen 2 Header

M.2(up to 22110)

M.2(up to 2280)
(shared with SLOT2)

6 pin aux power

MIni-SAS HD for 4 SATA
(share with SLOT2)

MIni SAS HD for 4 SATA
(or 3 SATA when support SATA DOM)

2 x Oculink PCIe x 4
(shared with SLOT2)

Socket SP3 (LGA4094)

Application

- Mainstream Server/ Workstation
- Web Hosting

IPMI Dedicated LAN

USB 3.2 Gen 2
(Type-C)

UID

2 x USB 3.2 Gen 1
(Type-A)

10GbE RJ45

		ROMED8-2T
Form Factor		ATX (12" x 9.6")
Processor System	CPU	Socket SP3 (LGA4094); Supports AMD EPYC™ 7002/7001 Series Processors
	PCH	System on chip
Memory	Capacity	8 DIMM Slots (1DPC); Supports DDR4 R-DIMM up to 3200MHz, 64GB/ LR-DIMM up to 3200MHz, 256GB
Expansion	PCIe slot	7 PCIe 4.0 x16*
	Others	2 OCulink (PCIe 4.0 x4)*
Storage	M.2	1 M-key (PCIe 4.0 x4 or SATA 6Gb/s), supports 22110/2280/2260/2242 form factor
		1 M-key (PCIe 4.0 x4 or SATA 6Gb/s), supports 2280/2260/2242 form factor
	SATA port	8 via mini-SAS HD*
Network	RJ45	2 RJ45 (10GbE) by Intel® X710-AT2
Management	BMC	ASPEED AST2500 : IPMI (Intelligent Platform Management Interface) 2.0
	Dedicated IPMI	1 RJ45 via Realtek RTL8211E
I/O	USB	2 USB 3.2 Gen 2 Ports: 1 rear Type C, 1 header
		4 USB 3.2 Gen 1 Ports: 2 rear Type A, 2 via header