

ASRock Rack Motherboards

(Intel® boards featuring 12th Gen Intel® Core™ & MB with 10Gb Broadcom Lan)

New Launch – August, 2022

for 2-node platforms

10th, August, 2022

Z690D4U-2L2T/G5

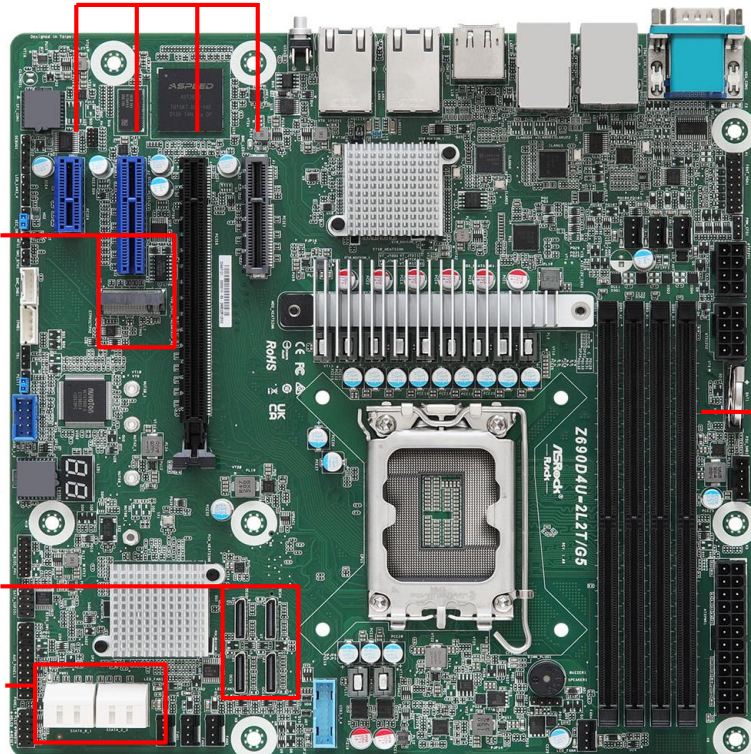


1 PCIe3.0 x1, 1 PCIe3.0 x4**,
1 PCIe5.0 x16, 1 PCIe 4.0 x4

M.2*1

OCuLink*4

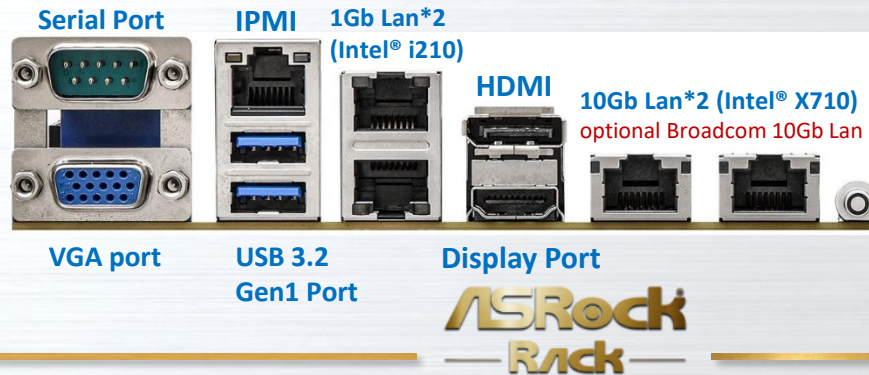
SATA 6Gb/s



4 DIMM slots

Intel® Core™ Server with Z690 Chipset Supporting DDR5 Memory and PCIe5.0 Connectivity

- Micro-ATX (9.6" x 9.6")
- Supports 12th Gen Intel® Core™, Pentium® and Celeron® series processors
- 4 DIMM slots (2DPC), supports DDR5 non-ECC UDIMM
- 1 PCIe5.0 x16, 1 PCIe4.0 x4, 1 PCIe3.0 x4**, 1 PCIe3.0 x1
- 3 OcuLink (PCIe4.0 x4), 1 OcuLink (PCIe4.0 x4 or 4 SATA 6Gb/s)
- Supports 1 M.2 (PCIe3.0 x4)**
- 2 RJ45 (10GbE) by Intel® X710/**optional Broadcom 10Gb Lan**
- 2 RJ45 (1GbE) by Intel® i210
- Up to 8 SATA 6Gb/s
- 1 VGA, 1 HDMI, 1 DisplayPort
- Remote Management (IPMI)



W680D4U-2L2T/G5

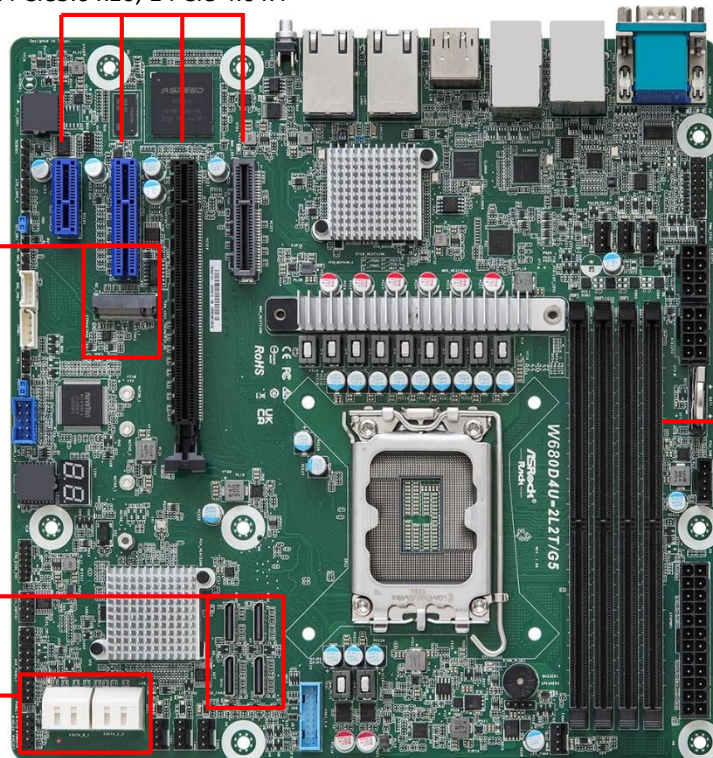


1 PCIe3.0 x1, 1 PCIe3.0 x4**,
1 PCIe5.0 x16, 1 PCIe 4.0 x4

M.2*1

OCuLink*4

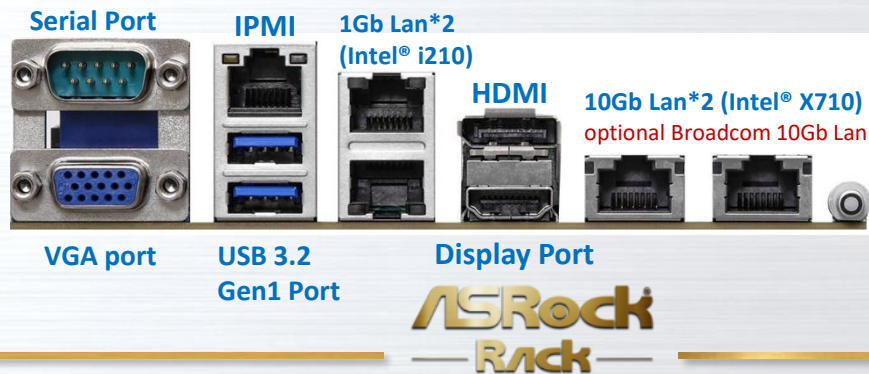
SATA 6Gb/s



4 DIMM slots

Intel® Core™ Server with W680 Chipset Supporting DDR5 Memory and PCIe5.0 Connectivity

- Micro-ATX (9.6" x 9.6")
- Supports 12th Gen Intel® Core™, Pentium® and Celeron® series processors
- 4 DIMM slots (2DPC), supports DDR5 non-ECC UDIMM
- 1 PCIe5.0 x16, 1 PCIe4.0 x4, 1 PCIe3.0 x4**, 1 PCIe3.0 x1
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- 1 VGA, 1 HDMI, 1 DisplayPort
- Remote Management (IPMI)

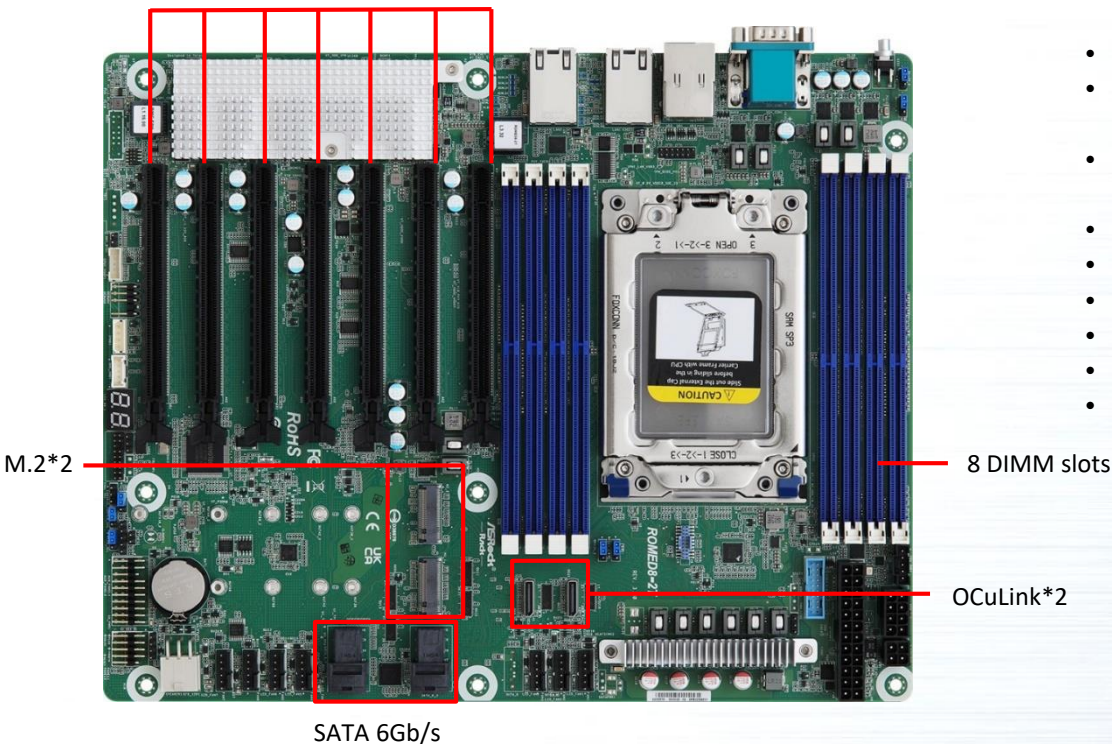


ROMED8-2T/BCM

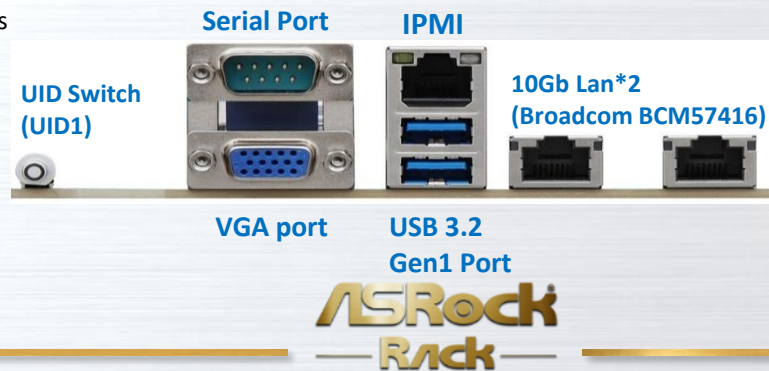
AMD EPYC

**7 x PCIe4.0 x16 Expansion Slots
and 10GbE Networking Powered
by Single EPYC 7003**

7 PCIe4.0 x16



- ATX (12" x 9.6")
- Single Socket SP3 (LGA 4094), supports AMD EPYC™ 7003 (with AMD 3D V-Cache™ Technology*)/7002 series processors
- 8 DIMM slots (1DPC), supports DDR4 RDIMM, LRDIMM, RDIMM/LRDIMM-3DS, NVDIMM-N
- 7 PCIe4.0 x16
- 2 OCUlink (PCIe4.0 x4)
- Supports 2 M.2 (PCIe4.0 x4 or SATA 6Gb/s)
- 10 SATA 6Gb/s
- 2 RJ45 (10GbE) by Broadcom BCM57416
- Remote Management (IPMI)

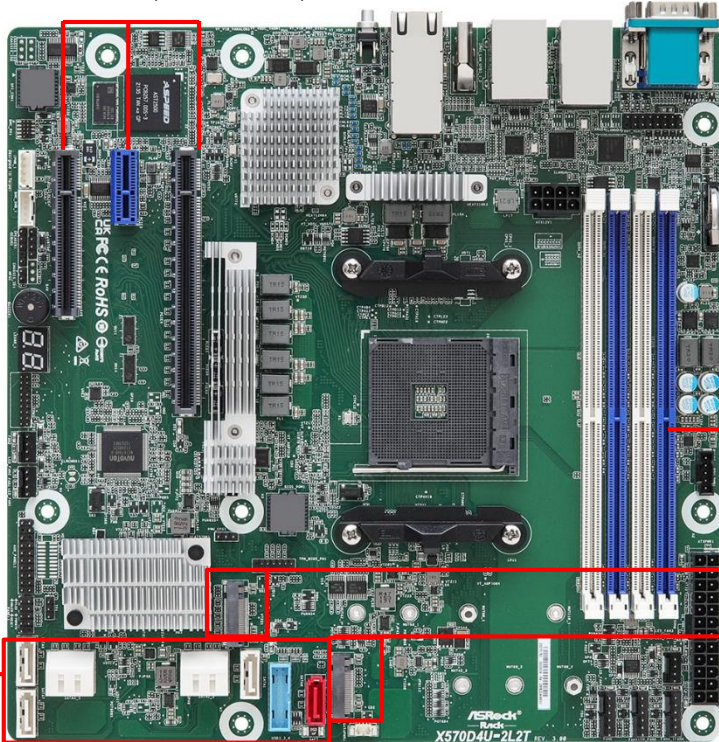


X570D4U-2L2T/BCM



PCIe4.0 Ryzen Server Motherboard with Dual 10GbE and IPMI

1 PCIe4.0 x16, 1 PCIe4.0 x8, 1 PCIe4.0 x1

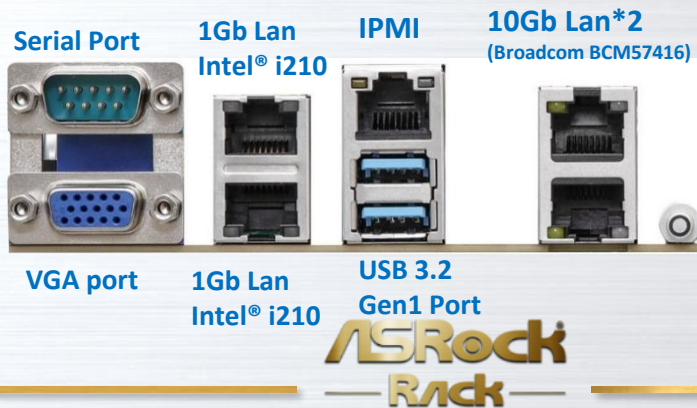


4 DIMM slots

M.2*2

8 SATA
6Gb/s

- Micro-ATX (9.6"x 9.6")
- Supports AMD Ryzen™ 5000 Series Desktop Processors
- 4 DIMM slots (2DPC), supports DDR4 ECC/non-ECC UDIMM
- 1 PCIe4.0 x16, 1 PCIe4.0 x8, 1 PCIe4.0 x1
- Supports 2 M.2 (PCIe4.0 x4 or SATA 6Gb/s)
- 8 SATA 6Gb/s
- 2 RJ45 (10GbE) by Broadcom BCM57416
- 2 RJ45 (1GbE) by Intel® i210
- HDMI
- Remote management (IPMI)



E3C256D4U-2L2T/BCM



General-Purpose Server with Greater Dual 10GbE and 1GbE Networking

1 PCIe4.0 x16, 1 PCIe4.0 x1

M.2*1

M.2*1

8 SATA
6Gb/s

4 DIMM slots

- Micro-ATX (9.6" x 9.6")
- Supports Intel® Xeon® E-2300 and 10th Gen Intel® Pentium® series processors
- 4 DIMM slots (2DPC), supports DDR4 ECC/non-ECC UDIMM
- 1 PCIe4.0 x16, 1 PCIe4.0 x4
- Supports 1 M.2 (PCIe3.0 x4 or SATA 6Gb/s), 1 M.2 (PCIe3.0 x4)
- 8 SATA 6Gb/s
- 2 RJ45 (10GbE) by Broadcom BCM57416
- 2 RJ45 (1GbE) by Intel® i210
- VGA, HDMI
- Remote Management (IPMI)

Serial Port

1Gb Lan Intel® i210



VGA port

HDMI

USB 3.2 Gen1 Port

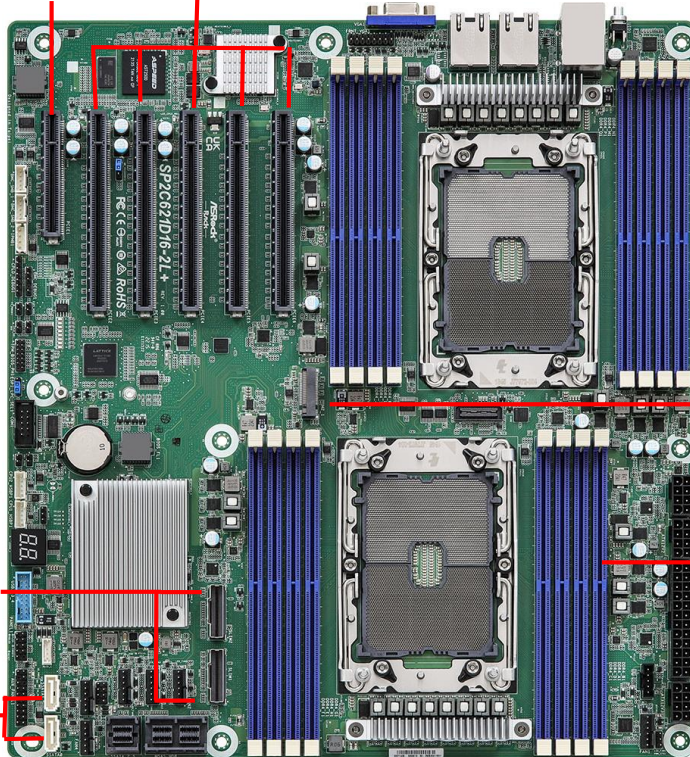
ASRock
Rock

SP2C621D16-2L+



1 PCIe 4.0 x8

5 PCIe 4.0 x16



1 M.2 slot

8+8 DIMM slots (1DPC), supports DDR4 RDIMM, LRDIMM, and Intel® Optane™ Persistent Memory

2 SlimSAS

SATA

Mainstream Dual Socket Server Board Powered by 3rd Gen Intel® Xeon® Scalable

- EEB (12" x 13")
- 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 (1GbE) by Intel® I350-AM2
- Remote management (IPMI)

