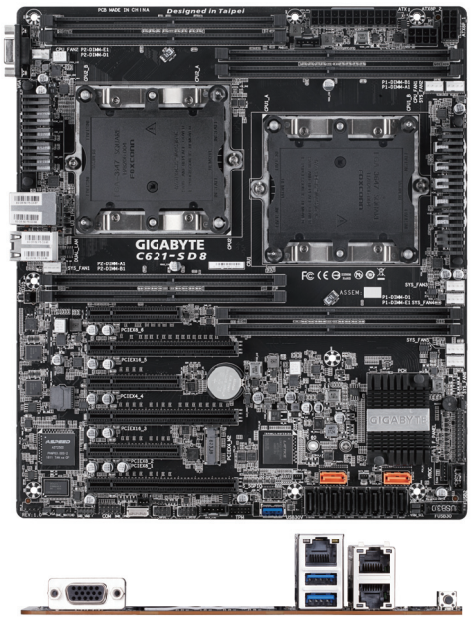
GIGABYTE™

AST2500 BMC with IPMI 2.0

C621-SD8

Intel® C621 motherboard with Dual LGA 3647 Socket P, ASPEED® AST2500 BMC



Order Information

Part Number : 9MC621SD8-00-10

EAN Code : 4719331804985

UPC Code : 889523015964

Dimension : 470 x 330 x 385 mm (6 pcs per carton)

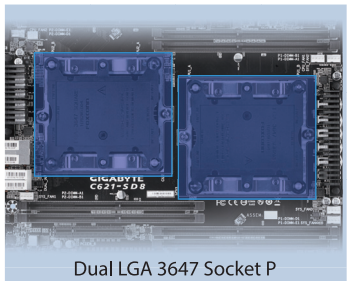
Gross Weight : 11.87 KG

SPEC

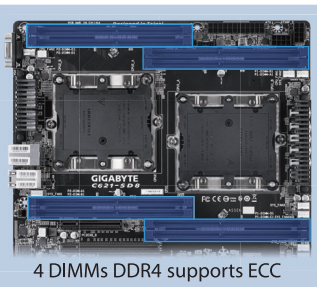
Form Factor	CEB (305mm x 267mm)
Processor Support	Intel® Xeon® Scalable Processors Dual LGA 3647 Socket P (Square)
Chipset	Intel® C621 Chipset
Memory	8 x DIMM Slots support 4 channel Up to DDR4 2933 MHz ECC RDIMM/LRDIMM memory
LAN	Dual Intel® i210AT + 1 x Management LAN
Audio	N/A
BMC	ASPEED® AST2500 BMC
Expansion Slot	(Slot6) 1 x PCIe x8 (@Gen3 x8) from CPU1 (Slot5) 1 x PCIe x16 (@Gen3 x16) from CPU1 (Slot4) 1 x PCIe x8 (@Gen3 x4) from CPU1 (Slot3) 1 x PCIe x16 (@Gen3 x16) from CPU2 (Slot2) 1 x PCIe x8 (@Gen3 x8) from CPU1 (Slot1) 1 x PCIe x16 (@Gen3 x8) from CPU1
Storage	10 x SATAIII 6GB/s (2 x SATA DOM) 1 x M.2 PCIe x4/SATA
Rear IO Connector	1 x VGA, 2 x RJ45, 1 x MLAN, 2 x USB3.1 Gen 1, 1 x UID button
Internal IO Connector	2 x USB3.1 Gen1 (1 x Vertical Type-A), 1 x USB2.0, 3 x SGPIO Headers, 1 x PMBus Header
Operating Properties	Operating temperature: 10°C to 40°C Operating humidity: 8% - 80% Non-operating temperature: -40°C to 70°C Non-operating humidity: 5% - 95%

Product Feature

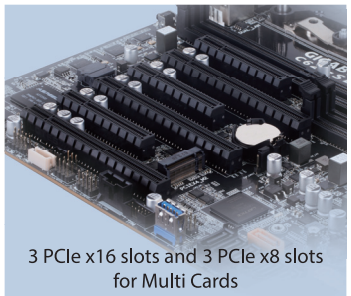
- 1st and 2nd Gen. Intel® Xeon® Scalable Processors, Dual LGA 3647 Socket P (Square)
- Quad-Channel DDR4 RDIMM/LRDIMM 8 x DIMMs, up to 1TB
- ASPEED® AST2500 BMC
- Dual Intel® Server GbE LAN and dedicated management port
- 3 PCIe x16 slots and 3 PCIe x8 slots for multi cards
- Large storage capacity: 10 SATA3 Ports
- Next-gen transfer speeds: PCIe x4 M.2



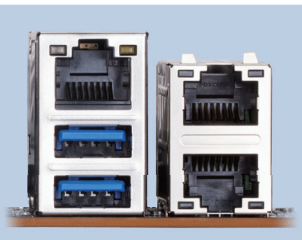
Dual LGA 3647 Socket P



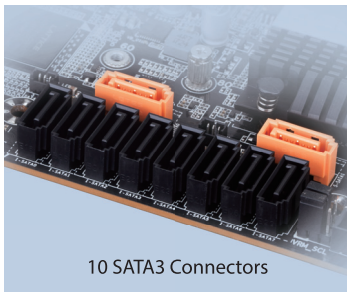
4 DIMMs DDR4 supports ECC



3 PCIe x16 slots and 3 PCIe x8 slots for Multi Cards

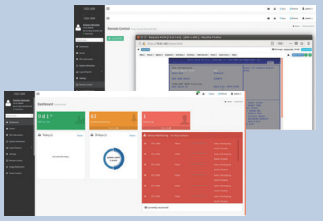


Dual Intel® i210AT + 1 x Management LAN

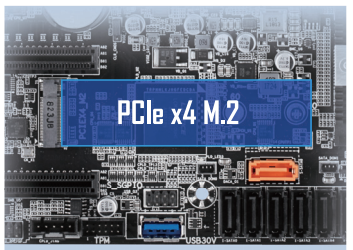


10 SATA3 Connectors

ASPEED® AST2500 BMC



GIGABYTE Remote Management



PCIe x4 M.2

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