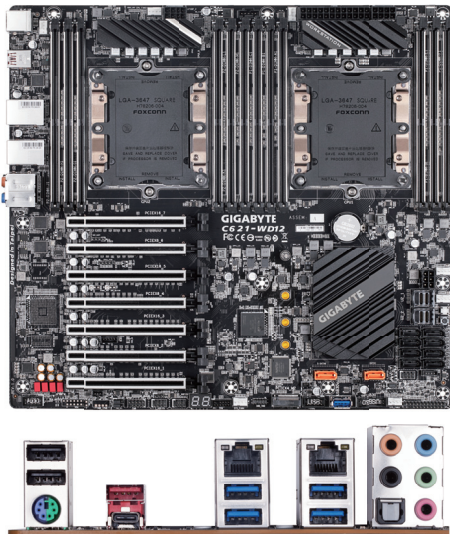


GIGABYTE™



C621-WD12

Intel® C621 motherboard with Dual LGA 3647 Socket P, 7 PCIe x16 slots



Product Feature

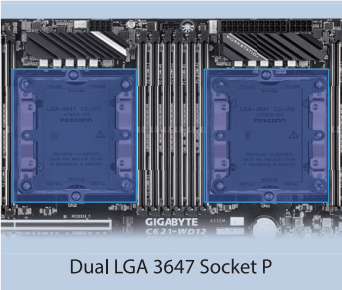
- 1st and 2nd Gen. Intel® Xeon® Scalable Processors, Dual LGA 3647 Socket P (Square)
- 6-Channel DDR4 RDIMM/LRDIMM 12 x DIMMs, up to 1.5TB
- Dual Intel® Server GbE LAN
- 7 PCIe x16 slots design: Supports total bandwidth of 88 PCIe lanes and four dual-slot graphics cards. It also supports 4-way NVIDIA® SLI™ or AMD CrossFireX™ GPU configurations
- Large storage capacity: 10 SATA3 Ports
- Next-gen transfer speeds: PCIe x4 M.2, Dual U.2, USB3.1 Gen2 Type-A and Type-C
- Realtek ALC 1220 120dB SNR HD Audio

Order Information

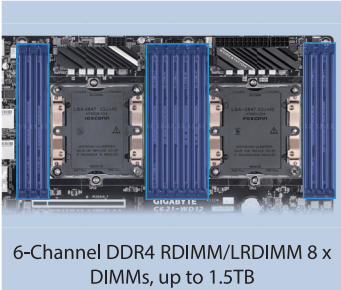
Part Number : 9M621WD12-00-10
EAN Code : 4719331805487
UPC Code : 889523017074
Dimension : 470 x 370 x 410 mm (6 pcs per carton)
Gross Weight : 15.23 KG

SPEC

Form Factor	EEB (305mm x 330mm)
Processor Support	Intel® Xeon® Scalable Processors Dual LGA 3647 Socket P (Square)
Chipset	Intel® C621 Chipset
Memory	12 x DIMM Slots support 6 channel Up to DDR4 2933 MHz ECC RDIMM/LRDIMM memory
LAN	Dual Intel® i210AT
Audio	Realtek® ALC1220-VB 120dB SNR HD Audio
BMC	N/A
Expansion Slot	7 x PCIe 3.0 x16 Slots (x16/x8/x16/x8/x16/x8/x16) 4-way SLI/CrossFireX support
Storage	10 x SATAIII 6Gb/s (2 x SATA DOM) 1 x M.2 PCIe x4/SATA 2 x U.2
Rear IO Connector	2 x RJ45, 2 x USB3.1 Gen2 (1 x Type-C), 4 x USB3.1 Gen1, 2 x USB2.0, 1 x P/S2, 5 x Audio Jacks + SPDIF-Out
Internal IO Connector	3 x USB3.1 Gen1 (1 x vertical Type-A), 2 x USB2.0, 1 x TPM header, 1 x PMBus Header, 3 x SGPIO Headers, 1 x Thunderbolt 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%



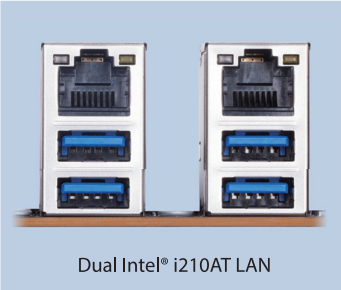
Dual LGA 3647 Socket P



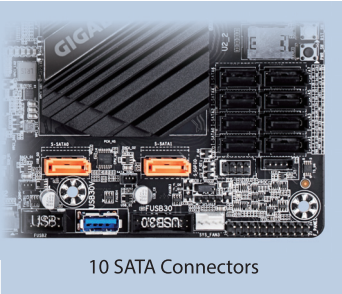
6-Channel DDR4 RDIMM/LRDIMM 8 x DIMMs, up to 1.5TB



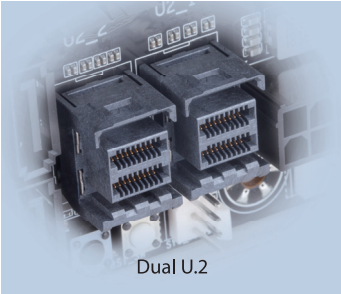
7 PCIe x16 slots for Multi Cards



Dual Intel® i210AT LAN



10 SATA Connectors



Dual U.2



ASMEDIA 3142 USB 3.1 Controller



AMP-UP Audio
120dB Rear Panel Audio
ALC 1220 120dB SNR HD Audio

* The entire materials provided herein are for reference only. GIGABYTE reserves the right to modify or revise the content at anytime without prior notice.* Advertised performance is based on maximum theoretical interface values from respective Chipset vendors or organization who defined the interface specification. Actual performance may vary by system configuration.* All trademarks and logos are the properties of their respective holders.* Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.