

# GIGABYTE™



## W42G-P08R

### Dual Intel® Xeon® Scalable Tower/4U Server



#### Product Feature

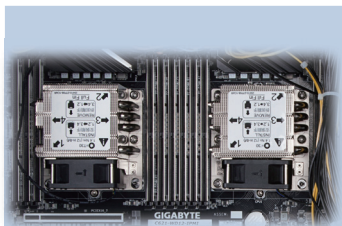
- Dual Socket P (LGA 3647) support 1st and 2nd Gen. Intel® Xeon® Scalable Processors
- 12 x DDR4 RDIMM/LRDIMM with 6-Channel, up to 1.5TB capacity
- Dual GbE LAN ports (Intel i210AT)
- 8 x 3.5" Hot-swappable drive bays (8 x SATA or 6 x SATA + 2 x U.2)
- 1 x M.2 PCIe x4 / SATA Mode 22110/2280/2260
- 7 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
- ASPEED® AST2500 remote management controller
- 2000W 1+1 Redundant PSU

#### Order Information

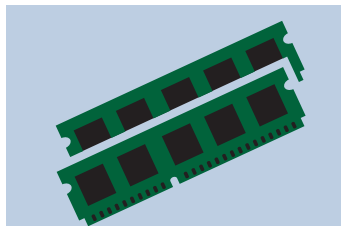
Part Number : 6NW42GP8R

#### SPEC

Dimension	448.5x687.24x177(mm)
Processor Support	1st and 2nd Gen. Intel® Xeon Scalable up to 28-cores, Dual LGA 3647 Socket P, TDP: 205W
Chipset	Intel® C621 Chipset (Lewisburg)
Memory	12 x DIMM slots, support 6 channel DDR4 2933/2666/2400/2133 MHz RDIMM/LRDIMM memory
LAN	Dual Intel® i210AT
BMC	ASPEED® AST2500 BMC
Expansion Slot	4 x PCIe x16 FH/FL 3 x PCIe x16 FH/FL (run as x8)
Storage	8 x 3.5" Hot-swappable drive bays (8 x SATA or 6 x SATA + 2 x U.2) 1 x M.2 PCIe x4 22110/2280/2260
Rear IO	2 x RJ45, 2 x USB3.1 (1x Type-C), 4 x USB3.0, 2 x USB2.0, 1 x P/S2, 5 audio jacks + S/PDIF-out
Front IO	2 x USB3.0, 2 audio jacks
TPM	1 x TPM header
FAN	4 x 92mm + 2 x 80mm
Power Supply	2000W 1+1 Redundant PSU
Gross weight	25.465KG



Dual LGA 3647 Socket P



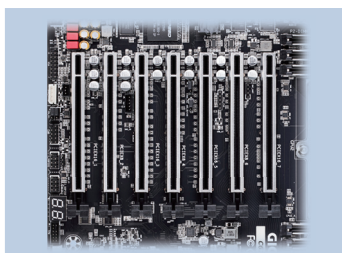
6-Channel DDR4 RDIMM/LRDIMM  
12 x DIMMs, up to 1.5TB



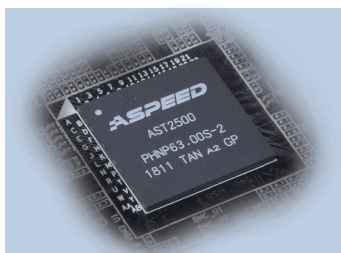
8 x 3.5" Hot-swappable drive bays



Dual Intel i210AT



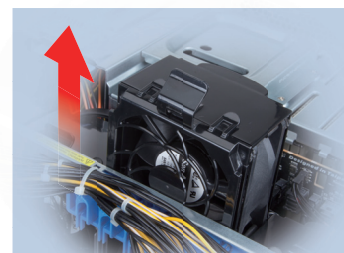
7 PCIe x16 slots for Multi Cards



ASPEED® AST2500 BMC



2000W 1+1 Redundant PSU



Tool-less Component

\* 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.