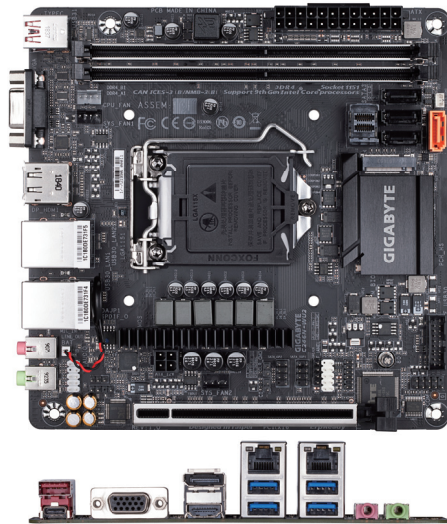# GIGABYTE™

C246N-WU2

Intel® C246 Motherboard with 2 DIMMs DDR4 Support ECC, 1 PCIe x16 Slot

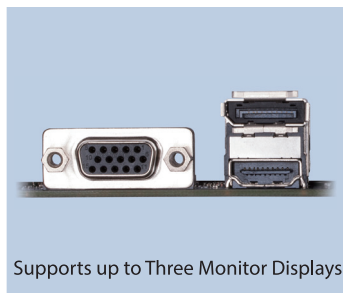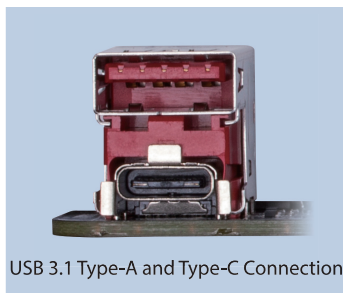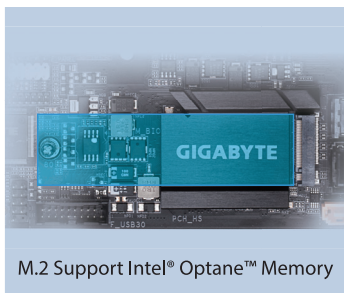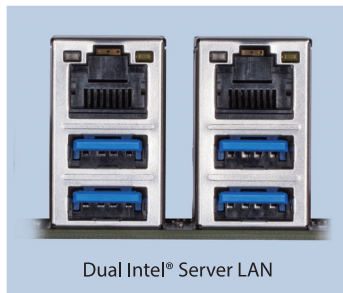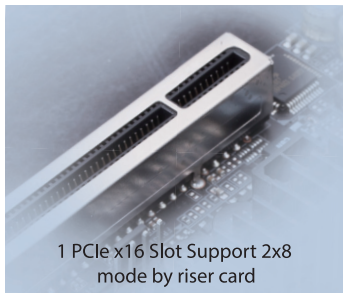## Order Information

Part Number : 9M246NWU2-00-10	
EAN Code : 4719331807665	
UPC Code : 889523020326	
Dimension : 460 x 345 x 203 mm (10 pcs per carton)	
Gross Weight : 8.12 KG	

SPEC

Form Factor	Mini ITX (170mm x 170mm)
Processor Support	Intel® Xeon® E Processors, and 9th/8th Gen. Intel® Core™ i / Pentium®/ Celeron® Processors LGA1151
Chipset	Intel® C246 Chipset
Memory	2 x DIMM slots support 2 channel, DDR4 2666/2400/2133 MHz, ECC & Non-ECC Un-buffered DIMM memory
LAN	Intel® i210AT, i219LM (supports Intel® vPRO)
Audio	ALC887
VGA / VRAM	Integrated in CPU
BMC	N/A
Expansion Slot	1 x PCIe x16 slot bifurcation in 2x8 mode by riser card
Storage	4 x SATAIII 6Gb/s, 1 x PCIe x4 miniSAS HD for 1 U.2 or 4 SATAIII, 1 x M.2 PCIe x4/SATA, up to 2280
Rear IO Connector	DP/HDMI/D-Sub, 2 x RJ45, 2 x USB3.1, 4 x USB3.0, 2 x Audio Jacks
Internal IO Connector	2 x USB3.0, 1 x TPM Header, 1 x COM Header, 2 x SGPIO Headers
Operating Properties	Operating temperature: -10°C to 50°C Operating humidity: 8% - 90% Non-operating temperature: -40°C to 70°C Non-operating humidity: 5% - 95%

Product Feature

- Support Intel® Xeon® E Processors, and 9th/8th Gen. Intel® Core™ i / Pentium®/ Celeron® Processors LGA1151
- Support DDR4 ECC & Non-ECC Un-buffered memory
- Support PCIe x16 slot bifurcation in 2x8 mode by riser card
- Dual Intel® Server GbE LAN support Intel® vPro Technology
- Large storage capacity: 8 SATA3 Ports (4 from miniSAS HD) or 4 SATA3 Ports + 1 U.2
- M.2 support Intel® Optane™ Memory
- Next-gen transfer speeds: USB 3.1 Type-A and Type-C connection
- Monitor HDDs status by SGPIO

2 DIMMs DDR4 Support ECC

1 PCIe x16 Slot Support 2x8 mode by riser card

Dual Intel® Server LAN

8 SATA3 Ports (4 from miniSAS HD)

M.2 Support Intel® Optane™ Memory

USB 3.1 Type-A and Type-C Connection

Supports up to Three Monitor Displays

PCIe Slots with Ultra Durable™ Design