

W775-V10-L01

AI Workstation - NVIDIA GB300 Grace™ Blackwell Ultra Desktop Superchip



Key Features

- Closed-loop liquid cooling solution
- 1 x NVIDIA Blackwell Ultra GPU
- 1 x NVIDIA Grace-72 Core Neoverse V2 CPU
- 252 GB HBM3E GPU memory with 7.1 TB/s total bandwidth
- 496 GB LPDDR5X CPU memory with up to 396 GB/s bandwidth
- 2 x 400 Gb/s QSFP ports via NVIDIA ConnectX®-8 SuperNIC™
- 1 x 10 Gb/s LAN port via Marvell AQC113
- 2 x M.2 PCIe Gen6 x4
- 2 x M.2 PCIe Gen5 x4
- 1 x PCIe Gen5 x16 slot
- 2 x PCIe Gen5 x8 slots
- Single 1600 W ATX 80 PLUS Platinum power supply

Specification

Dimensions	Pedestal (W218 x H519.5 x D726.3 mm)	PCIe Expansion Slots	1 x PCIe Gen5 x16 2 x PCIe Gen5 x8 1 x M.2 (2230), E-key (Wi-Fi), PCIe Gen2 x1, from ConnectX-8
Superchip	NVIDIA GB300 Grace™ Blackwell Ultra Desktop Superchip: - 1 x NVIDIA Grace™ CPU - 1 x NVIDIA Blackwell Ultra GPU - Connected with NVIDIA NVLink™-C2C	I/O Ports	Front: 1 x USB 3.2 Gen2 (Type-C), 2 x USB 3.2 Gen1 (Type-A) Rear: 4 x USB 3.2 Gen2 (Type-A), 1 x Mini-DP, 1 x RJ45, 1 x MLAN
Memory	NVIDIA Grace™ CPU: - 496 GB of LPDDR5X memory with ECC - 396 GB/s memory bandwidth NVIDIA Blackwell Ultra GPU: - 252 GB HBM3E - 7.1 TB/s memory bandwidth	Power Supply	Single 1600 W ATX 80 PLUS Platinum power supply *The system power supply requires C19 power cord.
LAN	2 x 400 Gb/s QSFP (1 x NVIDIA ConnectX®-8 SuperNIC™) 1 x 10 Gb/s LAN (1 x Marvell AQC113) 1 x 10/100/1000 Mbps Management LAN	System Fans	3 x 120x120x25mm
Video	Integrated in onboard BMC - 1 x Mini-DP	Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Audio	Realtek® ALC4080 Audio Codec Front: 2 x Audio jacks (Audio out/Mic) Rear: 3 x Audio jacks (Audio in/Audio out/Mic)	Packaging Content	1 x W775-V10-L01 1 x Superchip liquid cooling kit
Storage	Internal M.2: 2 x M.2 (2240/2260/2280), PCIe Gen5 x4, from CPU 2 x M.2 (2240/2260/2280), PCIe Gen6 x4, from ConnectX-8	Ordering Part Numbers	6NW775V10MR000L01*



Learn more at: <https://www.gigabyte.com/Enterprise>

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