GIGABYTE™

W771-Z00
AMD Ryzen™ Threadripper™ PRO Workstation

AMD THREADRIPPER PRO

Features

- AMD Ryzen™ Threadripper™ PRO 3000WX Series Processors
- 8-Channel ECC/non-ECC DDR4 UDIMM/RDIMM/3DS RDIMM/ LRDIMM 8 x DIMMs
- Dual Intel® 10GbE and 1GbE LAN ports
- 1 x Dedicated management port
- 7 x PCIe 4.0 Slots for Multi-GPU
- Up to 8 x 3.5" HDDs and Dual M.2 (NVMe and SATA mode)
- Default 4x middle system Fan and 2x rear system Fan, and optional external 2x GPU Fan
- 2 x 2000W CRPS RPSU 80+ Platinum

Specification

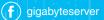|			
Dimensions	Pedestal (W680 x H175 x D438 mm)	**Front I/O**	1 x Front Panel Lock, 2 x USB 3.0, 1 x Power button with LED, 1 x Reset button, 1 x System status LED, 1 x Data access LED, 2 x LAN activity LEDs
CPU	AMD Ryzen™ Threadripper™ PRO 3000WX Series Processors TDP up to 280W		Hard drive cage: 1 x HDD power on LED, 1 x HDD activity LED
Socket	Socket sWRX8	**Rear I/O**	1 x VGA, 1 x ID Button, 2 x USB 3.2 gen2 (Type-A + Type-C), 1 x RJ45 (GbE LAN), 1 x MLAN, 4 x USB 3.2 gen2 Type-A, 2 x RJ45 (red) (10GbE LAN), 1 x 3 in 1 Audio jacks
Chipset	AMD WRX80		
Memory	8-Channel DDR4 memory, 8 x DIMM slots Support for 3200/2933/2666/2400/2133 MHz; ECC & non-ECC; buffered & unbuffered; UDIMM, RDIMM, 3DS R-DIMM, LRDIMM Total up to 2TB of system memory (256GB single LRDIMM capacity)	**TPM**	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
		Power Supply	2 x 2000W 80 PLUS Platinum redundant power supply AC Input: 100-240V
LAN	2 x 10GbE LAN (Intel® X550-AT2) 1 x GbE LAN (Intel® i210) 1 x 10/100/1000 management LAN	**System Management**	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Video	Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp	**OS Compatibility**	Windows 10 (64bit) Red Hat Enterprise Linux 8.2 (64bit) / 8.3 (64bit) Ubuntu 20.04 LTS (64bit)
Audio	Realtek® ALC4080 HD audio codec Supports 7.1 channel configurations 3 ports Audio Jack (Audio in/Audio out/Mic)	**System Fans**	4 x 80x80x38mm (11,000 rpm) 2 x 80x80x38mm (8,200 rpm)
Storage	4 x 3.5"/2.5" SATAIII hot-swap HDD/SSD bays Additional 4 x 3.5"/2.5" SATAIII hot-swap HDD/SSD bays (Option)	**Operating Properties**	Operating temperature: 10°C to 35°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
RAID	RAID 0, RAID 1, RAID 5 and RAID 10		
Peripheral Drives	1 x 5.25" space reserved for ODD device	**Packaging Content**	1 x W771-Z00 1 x CPU Heatsink 1 x Quick installation guide
Expansion Slots	6 x PCIe x16 slots (Gen4 x16) 1 x PCIe x16 slot (Gen4 x8) 2 x M.2 slots for storage: - M-key; PCIe4.0 x4 or 4x SATA III; supports NGFF-2242/2280 1 x M.2 slot for Wi-Fi: - E-key; supports NGFF-2230	**Reference Numbers**	Barebone package: 6NW771Z00MR-00-1* - Motherboard: 9MC62G40MR-00* - I/O shield: 12AIO-MC62G4-00R - CPU Fan-sink: 25ST1-243103-A0R - Power supply: 25EP0-22000G-A0S

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