

# W753-W50-AA01

GPU Workstation - UP 2 x PCIe Gen5 GPUs



## Features

- Supports up to 2 x Dual slot Gen5 GPUs
- Intel® Xeon® W-2500/2400 Processors
- 4-Channel DDR5 RDIMM/3DS-DIMM, 8 x DIMMs
- Intel® W790 Chipset
- 2 x 2.5Gb/s LAN ports via Intel® I226-LM
- 3 x M.2 slots with PCIe Gen4 x4 interface
- Up to 8 x 3.5"/2.5" SATA bays
- 4 x PCIe Gen5 x16 slots
- 1 x PCIe Gen3 x4 slot
- Single 1200W ATX 80 PLUS Platinum power supply

## Application

AI, AI Training, AI Inference, Visual Computing, High-Performance Computing, Hybrid/Private Cloud Server...

## Specification

<b>Dimensions</b>	Pedestal (W218 x H455 x D726.3 mm)	<b>Expansion Slots</b>	4 x PCIe x16 (Gen5 x16) slots 1 x PCIe x16 (Gen3 x4) slots
<b>Motherboard</b>	MW53-HP0	<b>TPM</b>	1 x TPM header with SPI interface (optional TPM2.0 kit: CTM010)
<b>CPU</b>	Intel® Xeon® W-2500 & W-2400 Processors Single processor, TDP up to 250W	<b>Power Supply</b>	Single 1200W ATX 80 PLUS Platinum power supply AC Input: 110-240V
<b>Socket</b>	1 x LGA 4677 (Socket E)	<b>System Management</b>	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Chipset</b>	Intel® W790 Chipset	<b>OS Compatibility</b>	CentOS Stream 9, Debian 11.5.0, Red Hat Enterprise Linux 9.0, Ubuntu 22.04 LTS, Windows 11 Enterprise (x64)
<b>Memory</b>	4-Channel DDR5 memory, 8 x DIMM slots RDIMM up to 64GB; 3DS RDIMM up to 256GB Memory speed: Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC)	<b>System Fans</b>	3 x 120x120x38mm (4,000rpm), 1 x 120x120x25mm (2,800rpm)
<b>LAN</b>	2 x 2.5Gb/s LAN ports (2 x Intel® I226-LM) 1 x 10/100/1000 Mbps Management LAN	<b>Operating Properties</b>	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)
<b>Video</b>	Integrated in ASPEED® AST2600 - 1 x VGA Port	<b>Packaging Content</b>	1 x W753-W50-AA01, 1 x CPU fansink, 1 x Carrier, 1 x Quick installation guide Packaging Dimensions: 1045 x 588 x 403 mm
<b>Audio</b>	Realtek® ALC897 HD audio codec Supports 2/4/5.1/7.1 channel configurations Rear 3 x Audio jacks (Audio in/Audio out/Mic) Front 2 x Audio jacks (Audio out/Mic)	<b>Part Numbers</b>	Barebone package (Refresh): 6NW753W50MR000AB01* Barebone package: 6NW753W50MR000AA01* - CPU fansink: 25ST0-0Z9221-A3R - Carrier: 12KRC-014677-10R - Power supply: 25EP0-21200C-F3S  Optional parts: - Rail kit for W7x3 series ((A)+(B)+(C)+(D)): (A) 25HB2-A66126-K0R (Slide Rail), Q'ty: 1 set (B) 25HB4-W77304-C0R (Rack Ear Right), Q'ty: 1 set (C) 25HB4-W77305-C0R (Rack Ear Left), Q'ty: 1 set (D) 25HB7-W77300-C0R (Top Cover for Assembly), Q'ty: 1 set
<b>Storage</b>	4 x 3.5"/2.5" SATA bays Optional 4 x 3.5"/2.5" SATA bays Note: Storage card is required to support NVMe and SAS drives. 3 x M.2 slots: M-key, PCIe Gen4 x4, support 2280 cards		
<b>RAID</b>	Intel® SATA RAID 0/1/10/5		
<b>I/O ports</b>	Front: 2 x USB 3.2 Gen1 (Type-A), 2 x Audio jacks Rear: 1 x USB 3.2 Gen2x2 (Type-C), 5 x USB 3.2 Gen2x1 (Type-A), 1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN, 3 x Audio jacks Internal: 1 x TPM header, 1 x VROC connector		



Learn more at <https://www.GIGABYTE.com/enterprise>

\* All specifications are subject to change without notice. Please visit our website for the latest information.  
\* Intel, the Intel logo, Xeon, and other Intel marks are trademarks of Intel Corporation or its subsidiaries.  
\* All other brands, logos and names are property of their respective owners.

© 2024 Giga Computing Technology Co., Ltd. All rights reserved.

Designed by

