

W753-W50

Intel® Xeon® W GPU Workstation



Features

- Intel® Xeon® W-2400 Processors
- Intel® W790 Chipset
- 4-Channel DDR5 RDIMM/3DS-DIMM, 8 x DIMMs
- ASPEED® AST2600 BMC
- Dual 2.5GbE LAN port (Intel® i226-LM)
- 1 x Dedicated management port
- Up to 2 x NVIDIA RTX™ A6000 support
- 4 x PCIe Gen5 x16 expansion slots
- 3 x M.2 slots with PCIe Gen4 x4 interface
- Up to 8 x 3.5"/2.5" SATA HDD bays
- 1 x 1200W ATX 80 PLUS Platinum power supply

Specification

Dimensions	Pedestal (W726.3 x H218 x D455 mm)	Rear I/O	1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN, 3 x Audio jacks, 5 x USB 3.2 Gen2 Type-A, 1 x USB3.2 Gen2x2 Type-C, 1 x ID button with LED
Motherboard	MW34-SP0	TPM	1 x TPM header with SPI interface (optional TPM2.0 kit: CTM010)
CPU	Intel® Xeon® W-2400 Processors Single processor, TDP up to 225W	Power Supply	Single 1200W ATX 80 PLUS Platinum power supply AC Input: 115-230V
Socket	1 x LGA 4677	System Management	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Chipset	Intel® W790 Chipset	OS Compatibility	Windows 11 Enterprise (x64) Red Hat Enterprise Linux 9.0 (x64) Ubuntu 22.04 LTS (x64) CentOS Stream 9 (x64) Debian 11.5.0
Memory	4-Channel DDR5 memory, 8 x DIMM slots RDIMM modules up to 64GB supported RDIMM-3DS modules up to 256GB supported Memory speed: up to 4800 MHz	System Fans	Middle Fan: 3 x 120x120x38mm (4,400 rpm) Rear Fan: 1 x 120x120x25mm (2,800 rpm)
LAN	2 x 2.5 GbE LAN ports (Intel® i226LM) 1 x 10/100/1000 Management LAN (Realtek® RTL8211FD)	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)
Video	Integrated in Aspeed® AST2600 - 1 x VGA Port	Packaging Content	1 x W753-W50, 1 x CPU Fan-sink 1 x Quick installation guide
Audio	Realtek® ALC897 HD audio codec Supports 2/4/5.1/7.1 channel configurations Rear 3 ports Audio Jack (Audio in/Audio out/Mic) Front 2 ports Audio Jack (Audio out/Mic)	Reference Numbers	Barebone package: 6NW753W50MR-00-1* - Motherboard: 9MW53HP0MR-00* - CPU Fan-Sink: 25ST0-0Z9221-A3R - Power supply: 25EP0-21200C-F3S - Rail Kit for W7x3 series ((A)+(B)+(C)): (A) 25AC0-W77301-K0R (Slide Rail), Q'ty: 1 set (B) 25HB4-HW77304-C0R (Rack Ear Right), Q'ty: 1 set (C) 25HB4-HW77305-C0R (Rack Ear Left), Q'ty: 1 set
Storage	4 x 3.5" / 2.5" SATA fixed HDD/SSD bays Additional 4 x 3.5" / 2.5" SATA fixed HDD/SSD bays (option)		
RAID	Intel® SATA RAID 0/1/10/5		
Expansion Slots	4 x PCIe x16 (Gen5 x16) slots 1 x PCIe x16 (Gen3 x4) slots 3 x M.2 slots: M-key, PCIe Gen4 x4, supports NGFF-2280 card		
Front I/O	2 x USB 3.2 Gen1 Type-A, 1 x Power Button, 1 x Reset Button, 1 x Audio/MIC Jack, 1 x Power LED, 1 x HDD LED, 1 x System LED		



Learn more about GIGABYTE server, visit <https://www.gigacomputing.com>

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