T3-6013W-G1

Single-GPU AI Workstation

The T3-6013W-G1 series is based on the Intel® W680 high-performance workstation chipset and supports 12th/13th/14th Gen Intel® Core™ i3/i5/i7/i9 processors. Purpose-built as a single-GPU AI workstation, it combines robust expandability, reliable system stability, and flexible configuration options for professional AI workloads.
It provides dependable hardware support for AI inference, AI agents, high-performance computing, animation, 3D modeling and rendering, deep learning, machine vision, and other compute-intensive applications.



- Intel® W680 high-performance workstation chipset with 12th/13th/14th Gen Intel® Core™ processors
- 4 × DDR5 DIMM slots, up to 192GB ECC/non-ECC UDIMM/CUDIMM at 5600MHz
- 1 × PCIe 5.0 x16 slot supports a 4-slot GPU; 2 × PCIe 4.0 x8 slots; 1 × PCIe 3.0 x4 slot
- 2 × M.2 2242/2280 slots with PCIe 4.0 x4 and PCIe 3.0 x4 support
- Internal storage: 2 × 3.5" bays compatible with 2.5" drives; RAID 0/1/5/10 support
- Front I/O: 2 × USB 3.0 and 1 × 3.5mm audio jack
- Rear I/O: GbE LAN, 2.5GbE LAN, 5 × USB 3.0, Type-C, COM, audio, VGA, DP, HDMI, and optional IPMI

01

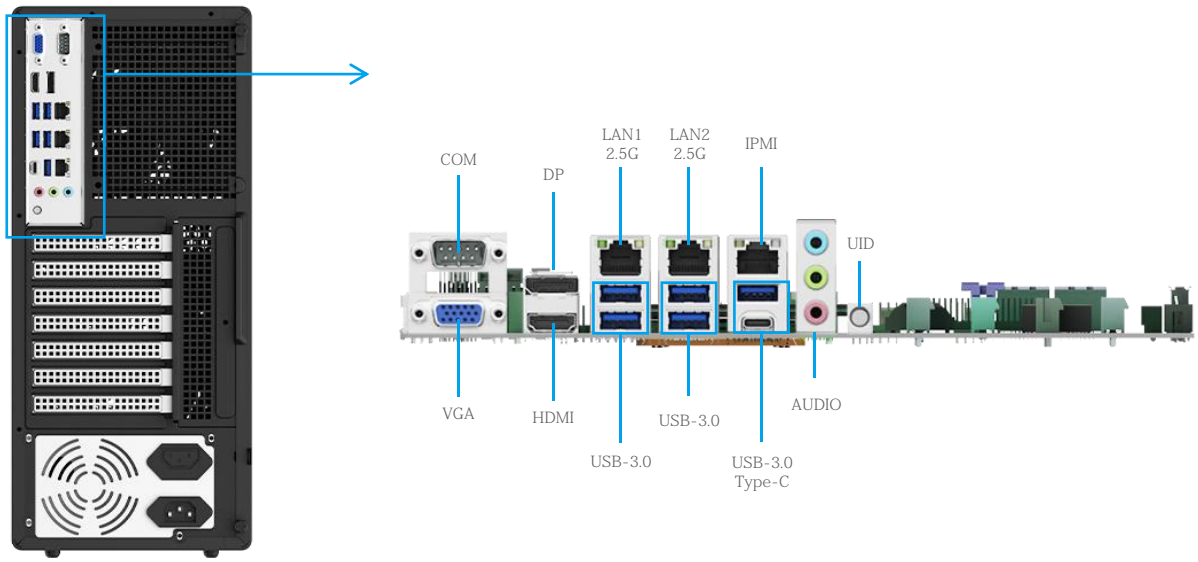
Specifications

System Controller	CPU Model	Intel® 12th/13th/14th Gen Core™ i3/i5/i7/i9 processors
	Chipset	Intel® W680 chipset
	BIOS	AMI UEFI BIOS
Memory	Type	4 × DIMM slots; ECC/non-ECC UDIMM/CUDIMM up to 5600MHz
	Capacity	Up to 192GB
	Module Size	8GB, 16GB, 32GB, 48GB
Display	Chipset	ASPEED AST2600 BMC and CPU integrated graphics
	Interface	1 × VGA (AST2600); 1 × DP, 1 × HDMI (CPU graphics)
Storage	Drive Bays	2 × internal 3.5" drive bays compatible with 2.5" drives; 1 × 2.5" drive bay
	M.2	1 × CPU M.2 2242/2280 PCIe 4.0 x4; 1 × PCH M.2 2280 PCIe 3.0 x4
Network	Controller	Intel® i226 enterprise Ethernet controller
	LAN Ports	2 × 2.5GbE LAN, supports 10/100/1000/2500Mbps
	IPMI Mgmt Port	1 × standard RJ-45 IPMI, 10/100/1000Mbps
PCIe Expansion	PCIe Slots	1 × PCIe 5.0 x16 slot (x16 signal) 2 × PCIe 4.0 x8 slots (x4 signal); 1 × PCIe 3.0 x4 slot
GPU	Type	Supports one full-length 4-slot PCIe 5.0 blower graphics card; contact JWIPC for compatibility details.
Front Panel	Buttons	1 × power button
	Ports	2 × USB 3.0; 1 × 3.5mm audio jack
I/O Ports	Rear I/O	5 × USB 3.2 5Gbps; 1 × Type-C 5Gbps 1 × IPMI; 2 × RJ-45 2.5GbE LAN; 1 × COM; audio; VGA; HDMI; DP

© JWIPC Inc. All Rights Reserved.

Power	Power Input	Standard 1200W ATX PSU
Dimensions	Dimensions	430 mm (D) × 182 mm (W) × 419 mm (H)
Temp. & Humidity	Temperature	Operating: 0° C to 35° C; Storage: -40° C to 70° C
	Humidity	Operating: 8% to 90% non-condensing; Storage: 5% to 95% non-condensing

02 Product view



03 Dimensions



04 Ordering Information

Model	Configuration
T3-6013W-G1-S750	T3 single-GPU workstation barebone; supports one Intel® 12th/13th/14th Gen Core™ i3/i5/i7/i9 processor, 4 DIMMs, 2 × 2.5GbE LAN, and 750W ATX single PSU
T3-6013W-G1-S1200	T3 single-GPU workstation barebone; supports one Intel® 12th/13th/14th Gen Core™ i3/i5/i7/i9 processor, 4 DIMMs, 2 × 2.5GbE LAN, and 1200W ATX single PSU

© JWIPC Inc. All Rights Reserved. All product specifications are subject to change without notice