T7-6015W-G4 - Four-GPU AI Workstation Barebone

AI Inference & Rendering Studio Workstation - Intel Xeon W + W790 Platform

The T7-6015W-G4 is a single-socket tower workstation barebone built on the Intel W790 chipset. It supports one Intel Xeon W-3400/W-3500 series (Sapphire Rapids) processor with up to 112 PCIe lanes, 8-channel DDR5 memory up to 2TB, and four PCIe 5.0 x16 slots for double-width turbo GPU cards - a verified platform for AI inference, AI agent workloads, and rendering studios.

Technical Specifications



BASIC INFORMATION	
Model	T7-6015W-G4
Type	Four-GPU tower workstation barebone for AI inference and rendering studios
COMPUTE PLATFORM	
Processor	1x Intel Xeon W-3400/W-3500 series (Sapphire Rapids, 112 PCIe lanes); also supports Xeon W-2400/W-2500 (64 lanes)
Chipset	Intel W790 workstation chipset
BIOS	AMI UEFI BIOS
MEMORY	
Slots	8x DDR5 DIMM slots (8 channels); with 64-lane CPUs only DIMMA1/B1/E1/F1 are supported (4 channels)
Type	DDR5 RDIMM / 3DS RDIMM, up to 4800MHz, 16GB-256GB per module
Max Capacity	2TB
GPU & PCIE EXPANSION	
GPU Support	Up to 4 double-width PCIe 5.0 x16 turbo GPU cards
PCIe Slots	3x PCIe 5.0 x16 + 3x PCIe 4.0 x8 + 1x PCIe 4.0 x8 (in x16 slot); 64-lane CPUs support slots 1/3/5/7 only
STORAGE	
Drive Bays	2x 4-bay hot-swap modules: up to 8x 3.5-inch drives (2.5-inch compatible); W790 RAID 0/1/5/10; 8x 7-pin SATA
M.2	2x M.2 2280, PCIe 4.0 x4 (112-lane CPU required)
NETWORK & MANAGEMENT	
Ethernet	1x RJ45 1GbE (Intel I210) + 1x RJ45 10GbE (Intel X550)
Management	1x IPMI port (RJ45, 10/100/1000Mbps); ASPEED AST2600 BMC; 1x VGA
FRONT & REAR I/O	
Front Panel	2x USB 3.0, 1x audio combo jack, power and reset buttons
Rear I/O	5x USB 3.2 10Gbps, 1x USB Type-C, 1x COM, 1x audio, 1x VGA, 1x UID button with LED, LAN and IPMI ports
POWER, ENVIRONMENT & MECHANICAL	
Power Supply	CRPS 1+1 redundant, selectable 1600W / 2000W / 2700W
Dimensions	680 (D) x 438 (H) x 175 (W) mm
Environment	Operating 0-35C, 8%-90% RH non-condensing; storage -40-70C, 5%-95% RH non-condensing

Ordering Information

SKU	Power Supply	Platform Configuration
T7-6015W-G4-R1600	1600W CRPS 1+1	1x Intel Xeon W-2400/W-2500 (64L) or W-3400/W-3500 (112L); 8x DDR5 RECC memory slots; 1x 1GbE, 1x 10GbE, 1x IPMI - barebone
T7-6015W-G4-R2000	2000W CRPS 1+1	
T7-6015W-G4-R2700	2700W CRPS 1+1	

Barebone configuration statement: CPU, memory, storage and GPUs are ordered separately. Final configuration is confirmed in writing per project. Built for AI inference, AI agent workloads, high-performance computing, 3D modeling & rendering, deep learning and machine vision.

Intellisiontech - Jilianxin (Shenzhen) Technology Co., Ltd.
Room 502, Tower A, Lianhua Plaza, Nanshan District, Shenzhen, Guangdong, China

Contact
sales@intellisiontech.com
Phone / WhatsApp: (+86) 13713517052

Web
www.intellisiontech.com