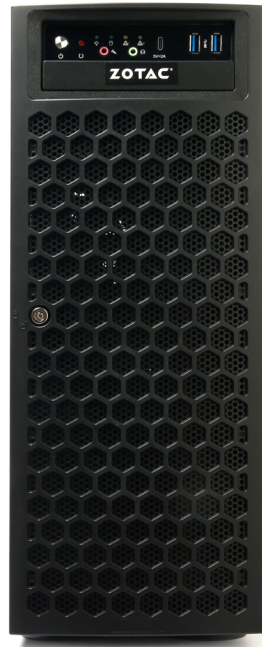


Essential Series

 **FULL
TOWER
FORM FACTOR**

 **1
CPU
Sockets**

 **8
DIMMS
TOTAL**



IMAGES FOR ILLUSTRATIVE PURPOSES ONLY. NO GPU OR PSU IS INCLUDED WITH THIS PRODUCT.

W511Z-1P6E

ZOTAC GPU Workstation

REFERENCE NUMBERS

- Barebone Package: W511Z-1P6E
- Motherboard: ZW-JW15S-00

FEATURES

- **4TH GEN. INTEL® XEON® SCALABLE PROCESSOR COMPATIBLE**
- **DDR5, MAX. 8 x RDIMM / RDIMM-3DS DIMM slots**
- **10GbE LAN SUPPORT (RJ45)**
- **OPTIMIZED AIR COOLING / WATER COOLING READY TOWER CHASSIS**
- **7 X PCIe GEN5 EXPANSION SLOTS**

APPLICATIONS

- AI Inference
- 3D Rendering
- 3D Modeling & Simulation
- Digital Twin



DIMENSIONS	437.5mm (Depth) x 176.5mm (Width) x 650mm (Height)
MOTHERBOARD	EATX 305mm x 330mm / 12in x 13in (W x L)
CPU	Intel® Sapphire Rapids W-2400 / W-2500 & W-3400 / W-3500 Processor support
SOCKET	1 x LGA4677 (Socket E)
CHIPSET	Intel® W790
MEMORY	- W2400 / W2500 Processor: 4-channel (1DPC) DDR5 RDIMM, max. up to 1TB 3DS RDIMM - W3400 / W3500 Processor: 8-channel (1DPC) DDR5 RDIMM, max. up to 2TB 3DS RDIMM Compatible Memory modules: 16GB, 32GB, 64GB, 128GB, 256GB
LAN	1 x 10 GbE EtherNet port (RJ-45) 1 x 1GbE EtherNet port (RJ-45) 1 x Gigabit management port (BMC)
VIDEO	Integrated Aspeed® AST2600 1920x1200@60Hz, DDR4 SDRAM
STORAGE	2 x NVMe PCIe Gen 5 x4 M.2 Slot (M-Key 22110 / 2280) 1 x NVMe PCIe Gen 3 x4 M.2 Slot (M-Key 22110 / 2280) 1 x M.2 Slot PCIe Gen 3 x1 / USB 2.0 (E-Key for Wi-Fi + BT module) Max 12 x Front side drive bays (3.5 inch / 2.5 inch SATA 3.0 / SAS / NVMe SSD support)
RAID	Intel® SATA RAID 0/1/10/5
EXPANSION SLOTS	6 x PCIe Gen 5 x 16 Slot (x16 PCIe Signal) 1 x PCIe Gen 5 x 16 Slot (x 8 PCIe signal)
FRONT I/O	2 x USB 2.0 Type A ports 1 x USB Type C Port 1 x Audio Jacks /with 5.1 surround + Mic In
REAR I/O	5 x USB 3.2 Gen 2 Type A ports 1 x DB15 VGA port 1 x RS232 Serial port 1 x 10GbE Ethernet port 1 x 1GbE Ethernet port 1 x 1GbE BMC Ethernet port
BACKPLANE I/O	1 x USB 3.2 Gen 2x2 connector (USB Type C supported) 1 x USB 3.2 Type A connector 1 x USB 3.2 Gen 1 header - additional 2 x USB 3.2 Gen 1 port supported
TPM	1 x TPM header with SPI interface Optional TPM 2.0 Module
POWER SUPPLY	2 x Redundant 3000W CRPS 80 Plus Titanium PSU (1+1)
OS COMPATIBILITY	Windows 10 & 11 64bit Enterprise / Pro Workstations Windows Server 2022 / 2019 (x64) Red Hat Enterprise Linux 9.1 / 9.0 / 8.7 (x64) Ubuntu 22.04 LTS (x64) VMware ESXi 8.0 / 7.0 Update2 Citrix Hypervisor 8.2.0
SYSTEM COOLING	Internal : 3 x 12cm Hi-Speed Axial Fan Rear: 2 x 12cm Hi-Speed Axial Fan for GPU cards cooling
OPERATING PROPERTIES	Operating temperature: 10°C to 35°C Operating humidity: 8-90% (non-condensing) Non-operating temperature: -40°C to 70°C Non-operating humidity: 10%-95% (non-condensing)
CONTENTS	1 x Full Tower Workstation chassis 1 x ZW-JW15S-00 Motherboard bundle (Pre-installed) 5 x System Cooling fans (Pre-installed) CPU and Memory (SKU option) Internal Storage device (SKU option) Front Panel Drive bay and Storage device (SKU option)
PACKAGE DIMENSIONS	85cm x 60cm x 33cm
MULTI-GPU SUPPORT	NVIDIA® RTX PRO™ 4500 Workstation Edition (Up to 4 cards) NVIDIA® RTX PRO™ 6000 Workstation Edition / Max-Q Edition (Up to 2 cards)