HOLOWARE®
FUTURE OF COMPUTING

Tejas
Workstation

Introducing the Holoware Tejas Ultra Tower Workstations, engineered for professionals who demand uncompromising performance and reliability. These high-end workstations feature powerful processor options including Intel Xeon, AMD Epyc, and AMD Threadripper, alongside 12th Gen Intel Core i7 and i9 processors, as well as AMD Ryzen R7 and R9. Designed to tackle intensive workloads from data analysis to 3D rendering, these workstations are equipped with DDR5 memory capacity up to 192GB, ensuring seamless multitasking and rapid data processing.

Graphics options such as NVIDIA RTX 4090 (24GB), RTX A5000 (24GB), and RTX A6000 (48GB) provide powerful visual performance for complex simulations and high-resolution content creation. Connectivity features like USB-C, HDMI, and DisplayPort offer versatile options for peripheral integration, while Wi-Fi 6 ensures high-speed connectivity. Ideal for professionals in engineering, content creation, and finance, the Tejas Ultra Tower Workstations combine cutting-edge technology with robust design, supporting innovation and productivity in demanding environments.

- **Engineering and Architecture** : Ideal for engineers and architects handling CAD/CAM software, simulations, and large-scale modeling projects. The powerful processors and graphics options ensure smooth performance for complex designs and simulations.
- **Content Creation and Design** : Perfect for graphic designers, video editors, and animators working on high-resolution content creation. The workstation's robust hardware supports intensive tasks like rendering, 3D modeling, and video editing with ease.
- **Financial Modeling and Data Analysis** : Suited for financial analysts and data scientists dealing with large datasets and complex computations. The workstation's high-performance processors and ample DDR5 memory facilitate rapid data processing and analysis.
- **Virtualization and Server Management** : Essential for IT professionals managing virtualized environments, servers, and data centers. The workstation's scalability with Xeon, Epyc, and Threadripper processors supports virtualization, cloud computing, and server management tasks efficiently
- **Scientific Research and Simulation** : Beneficial for researchers and scientists conducting simulations, computations, and scientific modeling. The workstation's powerful graphics options like the NVIDIA RTX series ensure accurate simulations and data visualization.
- **Multimedia Production** : Suitable for multimedia professionals creating animations, special effects, and immersive experiences. The workstation's high-end graphics capabilities and connectivity options cater to demanding multimedia production workflows.

Tejas Workstations Specifications

Performance

Processor

I5:

12400 - 6 cores, 12 threads, base frequency of 2.50GHz, max turbo frequency of 4.40GHz, and 18 MB cache.

13400 - 10 cores, 16 threads, base frequency of 2.50GHz, max turbo frequency of 4.60GHz, and 20 MB cache.

14400 - 10 cores, 20 threads, base frequency of 2.50GHz, max turbo frequency of 4.70GHz, and 20 MB cache

I7:

12700 - 12 cores, 20 threads, base frequency of 2.10GHz, max turbo frequency of 4.90GHz, and 25 MB cache.

13700 - 16 cores, 24 threads, base frequency of 2.10GHz, max turbo frequency of 5.60GHz, and 30 MB cache.

14700 - 20 cores, 28 threads, base frequency of 2.00GHz, max turbo frequency of 5.40GHz, and 36 MB cache.

I9:

12900 - 16 cores, 24 threads, base frequency of 2.40GHz, max turbo frequency of 5.10GHz, and 30 MB cache.

13900 - 24 cores, 32 threads, base frequency of 2.00GHz, max turbo frequency of 5.80GHz, and 36 MB cache.

14900 - 24 cores, 32 threads, base frequency of 2.00GHz, max turbo frequency of 5.80GHz, and 36 MB cache.

R5 Processors:

5600G: 6 cores, 12 threads, base frequency of 3.9GHz, max turbo frequency of 4.4GHz, and 16 MB cache.

5600X: 6 cores, 12 threads, base frequency of 3.7GHz, max turbo frequency of 4.6GHz, and 32 MB cache.

7600: 6 cores, 12 threads, base frequency of 3.8GHz, max turbo frequency of 5.1GHz, and 32 MB cache.

R7 Processors:

5700G: 8 cores, 16 threads, base frequency of 3.8GHz, max turbo frequency of 4.6GHz, and 16 MB cache.

5700X: 8 cores, 16 threads, base frequency of 3.4GHz, max turbo frequency of 4.6GHz, and 32 MB cache.

7700: 8 cores, 16 threads, base frequency of 3.8GHz, max turbo frequency of 5.3GHz, and 32 MB cache.

7700X: 8 cores, 16 threads, base frequency of 4.5GHz, max turbo frequency of 5.4GHz, and 32 MB cache.

R9 Processors:

7900X: 12 cores, 24 threads, base frequency of 4.7GHz, max turbo frequency of 5.6GHz, and 64 MB cache.

7950X: 16 cores, 32 threads, base frequency of 4.5GHz, max turbo frequency of 5.7GHz, and 64 MB cache.

Graphics

The NVIDIA T1000 graphics card features 8GB of GDDR6 memory with 896 CUDA cores, making it ideal for professional applications and demanding graphics tasks. Choose from a range of NVIDIA GPUs, including the RTX 4060 (8GB), RTX 4060 Ti (16GB), RTX 4070 (12GB), RTX 4090 (24GB), RTX A4000 (16GB), RTX A5000 (24GB), and RTX A6000 (48GB)

Chipset

Intel: Z690, Z790, W680 (Xeon compatible)

AMD: B550, X570, X670 (Epyc and Threadripper compatible)

Memory

DDR4 (up to 128 gb) 3200MHz and DDR5 (Up to 192GB) 6000 MHz Ships with 16 GB minimum

Memory Slots

Intel H Series: 2x DIMM slots up to 64 GB, Intel B Series: 4x DIMM slots up to 128 GB

AMD B Series: 4x DIMM slots up to 128 GB

Storage

4 x DIMM Memory slots

Expandable Storage

4 slots for HDD, 3 slots for SATA SSD

Audio

Audio Realtek 7.1 Surround Sound High Definition Audio CODE

Power

Up to 2000 W

Design

Color

Black

Case Material

Galvanized iron

Dimensions

Length: 42 cm * Width: 28 cm * Height: 18 cm

Weight

Up to 12 kgs

Software

Operating System

Win 10 / Win 11 PRO

Bundled Software

Optional (office 2021) / Protegent antivirus

Connectivity

Ethernet

Supports high-speed Ethernet connectivity with data transfer rates up to 2.5 Gbps

WLAN + Bluetooth

Wi-Fi 6 (802.11ax), Dual Band / Bluetooth 5.2 offering improved speed, range, and connectivity features for seamless wireless experiences across devices (optional)

Ports and Connectors

Front - USB 2.0*2 | Audio Port

Rear - USB 2.0*4, USB 3.2*1, USB 3.1*4, USB type C*1,

HDMI*1, DP*1, RJ45*1, Audio Jack*3, Serial Port *1 (minimum)

Security & Privacy

Security Chip

BIOS Administrator Password and User Password Protection |

Discrete Trusted Platform Module

Other Security

Protegent antivirus

Security Software Licenses

Protegent antivirus

Service

Base Warranty

3 Years onsite warranty and remote support

Accessories

Bundled Accessories

Keyboard

Mouse

Monitor

Laptop bag

Communications

Ecolabels

Energy Star Certification

Certification and Compliance

BIS certificate, ROHS certificate

Accessories

Monitor

Keyboard

Mouse

Laptop bag

Please note: These are not the exact product images*