

ARXYS VideoX[®] W8T2 Workstation



V4 Client View Workstation

- Up to 200Mb/s Bandwidth
- Dual Nvidia A2000 GPUs
- Intel Core 13th Gen i7 8C/24T 5.2Ghz
- 32Gb RAM DDR5
- Compact Tower
- Up to 8x 4K monitor Support

Hardware Information

Form Factor

Compact Mid Tower, with enhanced cooling, EPEAT Bronze certified

CPU

Intel® Core™ 13th Gen i7 5.2 Ghz 8 Core / 24 Thread 20M cache

GPU's

2x Nvidia A2000 12GB GPU's + Intel P770 QuickSync GPU w/ GPU Tuned FW & Services

RAM

32GB DDR5

OS

Microsoft Windows 10 IoT Enterprise (LTSC)

VMS/OS Drive

Dedicated 480GB Enterprise 3D TLC Flash SSD NVMe Dedicated for OS/VMS.

Hard Drives

Optional upgrade: 1x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's., 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation

Network

2 x Intel® I225-LM 2.5GbE LAN RJ45 ports

Display Ports

HDMI, DP, VGA
8x Mini DP with 8x Mini DP to DP Adapters included

Front IO Ports

1 x USB 3.2 Gen2x2 port, 2 x USB 3.2 Gen1 ports, 1 x USB 2.0 port

Rear IO Ports

2 x USB 3.2 Gen2 ports (1 port at Type A, 1 port at Type C)
4 x USB 3.2 Gen1 ports, 1 x 7.1-channel Audio I/O ports (5+ Audio jacks)

Maximum Bandwidth

200Mb/s maximum bandwidth for video decoding and display.

Monitor Support

Up to 8x 4k Monitors (monitors not included)

A Microsoft Windows license is included with all systems. Systems ship with Microsoft Windows operating systems pre installed without media, but not setup which is the responsibility of the installer. Video management software & other application installers are included but NOT installed, on the OS drives. Installation, and configuration of the video management software and any other application to be performed by installer/integrator or end user. The installer of the system must install the appropriate VMS version, do all configuration and setup of users and cameras, databases etc.

General Information

Power Specifications

Up to 750W Gold ATX Power Supply (100-240Vac, 9-4.5A, 50-60Hz,)

Max Power Consumption

Up to 750W up to 80% efficient (Gold)

Dimensions

423mm x 190mm x 435mm | 16.7" x 7.48" x 17.1"

Weight

Net Weight : 9.9 KG - Gross Weight : 12.1 KG

Warranty

3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs).

Environmental Information

This unit is intended for stationary server room and office use, according to the conditions stated below.

Operating Temperatures

10- 35 C

Humidity

20 – 90% relative humidity (non-condensing)

Regulatory Information

Safety & Emission Standards

BSMI, CE, FCC(Class B), Energy Star.

Trade Compliance

NDA Compliant, no disclosures

Camera Count Matrix - Up to 200Mb/s

Note: * Performance parameters = 4MP cameras @15fps on 4 monitors. Actual performance may vary depending on the VMS. A VMS may require monitors be load balanced across GPUs, or may require all monitors on one GPU.

Resolution	FPS	Cameras	Bandwidth
2MP	7	150	199Mb/s
2MP	15	70	199Mb/s
2MP	30	40	199Mb/s
4MP	15	35	198Mb/s
8MP	15	8	187Mb/s

The camera counts listed are approximations within the limits of the maximum bandwidth supported by the workstation. Depending on camera type, compression, image complexity and other factors camera counts can vary. When using H.265 total bandwidth will be 30-40% lower. Testing performed with 4x monitors all connected to same GPU. Connecting additional monitors will reduce total camera counts.

For more information visit: Arxys.com/videox-appliances

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VMS licensing and support is not included and is provided by the security partner or customer.