

ARXYS VideoX[®] W9T3 Workstation



V4 Client View Workstation

- 300Mb/s Bandwidth
- 4x GPUs
- Intel Core 13th Gen i9 8C/32T 5.8Ghz
- 32Gb RAM DDR5
- Compact Tower
- 8x 4K monitor Support

Hardware Information

Form Factor

Compact Mid Tower, w/ enhanced cooling, EPEAT Bronze certified

CPU

Intel® Core™ 13th Gen i9 5.8 Ghz 8 Core /32 Thread 20M cache, Liquid Cooling

GPU's

4x Nvidia T1000 8GB GPU+ Intel QuickSync Pro770 GPU w/ GPU Tuned FW & Services

RAM

32GB DDR5

OS

Microsoft Windows 10 IoT Enterprise (LTSC)

VMS/OS Drive

Dedicated 500GB Enterprise 3D TLC Flash SSD NVME
Dedicated for OS/VMS.

Hard Drives

Optional upgrade: 1-2x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's., 2.5M MTBF. 600k Duty Cycle

Network

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

Display Ports

HDMI, DP, VGA, 12x Mini DP with 12x MDP 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)
x USB 3.2 Gen1 ports, 1 x 7.1-channel Audio I/O ports (5+1 Audio jacks)

Maximum Bandwidth

300Mb/s maximum bandwidth for video decoding and display.

Monitor Support

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 (Platinum) hot-plug redundant

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

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

NDAA Compliant, no disclosures

Camera Count Matrix - 300Mb/s

Resolution	FPS	Cameras	Bandwidth
2MP	7	190	299Mb/s
2MP	15	95	299Mb/s
2MP	30	53	299Mb/s
4MP	15	55	298Mb/s
8MP	30	15	289Mb/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.