

For Multi-Content, Architectural, or Control Room Video Walls



VWS8, VWS16

When you are building a high quality video wall and simple tiling isn't enough, Toshiba offers the Montage Servers. These professional servers are the perfect solution for multi-content, mosaic, or control room video walls. With Intel® server class processors, Windows® 7 Pro OS, 1TB of SSD memory, dual power supplies, 4K content capability, content management software with remote management, and much more, Montage puts it all together. Plus, just like the MontageSeries Displays, these servers come with a 3-Year limited commercial warranty for total peace of mind.

- **VWS8 - 8 DVI In/8 HDMI® Out**
- **VWS16 - 16 DVI In/16 HDMI® Out**
- **24/7 Professional Operation**
- **Intel® Xeon® E5 Server Class Processor**
- **Dual 500GB SSD* (Optional RAID)**
- **Microsoft® Windows® 7 Pro OS**
- **Redundant 920W Power Supplies**
- **Multiple 1080p HD Capture and Decode**
- **4K UltraHD Content Playback**
- **Live Streaming (IP Camera Input Capability)**
- **Simple Creation of Unique Video Wall Designs**
- **Content Management Software with Scheduling**
- **Remote Management**
- **Rack Mountable (3U Form Factor)**
- **3-Year Limited Commercial Warranty**

Robust Solutions For Multiple Applications, When Simple Tiling Is Not Enough

Multi-image Video Wall

When your project calls for a video wall with multiple images and possibly multiple image configurations, Montage video wall servers fit the bill. Built-in software allows you to set up multiple image configurations, and then either manually control them, or schedule automatic changes. Control can be done locally or remotely from a central location.



Architectural/Mosaic Video Wall

If you want to get creative and design a unique video wall shapes that will get attention, Montage video wall servers make it simple. Built-in drag and drop software allows you to set-up your design once, and then all content loaded into the SSD memory will be automatically adjusted.



Control Room Video Wall

A control room video wall requires maximum performance, flexibility, and reliability. The professional Montage video wall servers excel in all of these areas, and are the right choice when failure is not an option. With Intel server class processing, SSD memory, redundant power supplies, and powerful embedded software, Montage is ready for any challenge.



Key Features

24/7 Professional Operation

These video wall servers were specifically designed for trouble-free 24/7 operation in a commercial environment, and also include a litany of commercial features.

Intel® Xeon® E5 Server Class Processor

Powerful processing and fast data throughput for large or complex content, provides high reliability and performance.

Dual 500GB SSD* (Optional RAID 0,1)

Playback large video files more smoothly, enjoy fast overall performance, and ensure more robust operation with dual solid state drives.

Microsoft® Windows® 7 Pro 64-bit OS

Preloaded and licensed Pro operating software ensuring compatibility with the latest applications.

Redundant 920W Power Supplies

Provides reliable continuous operation, even in the unexpected event of a power supply failure.

Multiple 1080p HD Capture and Decode

Capture and display video from a wide range of sources through the DVI-D capture port, and output to HDMI® (DisplayPort or DVI-D with optional adapters).

4K UltraHD Content Playback

Supports native 4K UltraHD content playback that is four times the resolution of 1080p Full HD for breathtaking detail and image quality.

Live Streaming (IP Camera Input Capability)

Monitor it all with live streaming from IP video cameras. Server supports up to 12 - 1080p@30 feeds, 24 - 720p@30 feeds, or 64 - 480p@30 feeds.

Simple Creation of Unique Video Wall Designs

Simply drag and drop displays on the GUI to create your own non-traditional video wall shape. Lock the design in once and then no postprocessing of videos is required.

Content Management Software with Scheduling, and Remote Management

Built-in layout manager allows you to arrange and schedule multiple video files, formats, user permissions and content deployments, without the need for separate media players. Manage one screen or thousands of screens, locally, remotely, or even globally.

Rack Mountable (3U Form Factor)

All-in-one hardware and software solution with a compact design that is rack mountable.

3-Year Limited Commercial Warranty

Toshiba shows its dedication to quality with a strong 3-Year Limited Commercial Warranty, so you can feel confident with Toshiba.



Technical Specifications Sheet

	VWS8	VWS16
Server Operation	24 / 7	24 / 7
Processor	Intel® Xeon® E5 (Server Class)	Intel Xeon E5 (Server Class)
RAM	16GB (ECC)	16GB (ECC)
Storage*	Dual 500GB SSD (Optional RAID)	Dual 500GB SSD (Optional RAID)
Operating System	Microsoft® Windows® 7 Pro	Microsoft Windows 7 Pro
Graphics	8 Display PCIe	Dual 8 Display PCIe
Video Output	8 HDMI®	16 HDMI®
Video Input	8 DVI	16 DVI
Output Resolution	1,920 x 1,080 per Display	1,920 x 1,080 per Display
Additional Features:		
Multiple 1080p HD Capture and Decode	•	•
4K UltraHD Content Playback	•	•
Live Streaming (IP Camera Input Capability)	•	•
Simple Creation of Unique Video Wall Designs	•	•
Content Management Software with Scheduling	•	•
Remote Management	•	•
Full CODEC Support:	•	•
Video - H.264, MPEG4, MPEG2, WMV9, VC1, WMV, AVI, MKV, ASF, FLV, MP4, MOV, DVR-MS		
Audio - PCM, WMA, WAV, AAC		
Photo - JPEG, BMP, TIFF, GIF, PNG		
Other - PowerPoint®, HTTP/HTTPS, RTSP, MMS		
USB Port	2	2
PS/2	2	2
Serial Port	1	1
Ethernet Port (RJ45 Gigabit)	2	2
Power Supply	Dual 920W (Platinum)	Dual 920W (Platinum)
Dimensions (WxHxD) (Inches)	25.5" x 17.2" x 5.2"	25.5" x 17.2" x 5.2"
Rack Mountable	3U	3U
Operating Environment		
Temperature	0° to 40°C	0° to 40°C
Humidity	10% to 90%	10% to 90%
Weight (lbs)	55.12	55.12
3-Year Limited Commercial Warranty	•	•
Power Supply	•	•
(AC 100 ~120 V, 200~240 V, ±10%, 50/60Hz)		
Power Consumption (Standby / Typical / Max)	<0.5 / ? / 520	<0.5 / ? / ?
Operating Temperature Range	Landscape: 32° F - 104° F Portrait: 32° F - 95° F	Landscape: 32° F - 104° F Portrait: 32° F - 95° F
Operating Humidity Range	35% - 85%	35% - 85%
RoHS Compliant	•	•
UPC Code	889661032120	889661032137

Contact a Toshiba representative today: 844.344.DigSign or 844.344.7446 (Toll Free).
Visit us on the web at toshiba.com/us/digital-displays.

* Hard Drive Capacity: One Gigabyte (GB) means one billion bytes and one Terabyte (TB) means one trillion bytes. Total available capacity will vary based on operating environment and may show less storage capacity. Examples of the number of photos, songs, movies, and any other files that can be stored on a hard drive are provided for illustrative purposes only. Your results may vary.

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