

# Ws Wings VIOSO Station

Rock solid and high performing media server running Wings VIOSO and Wings RX for ultra-high resolution video playback; including AVIO Advanced for show control; numerous configuration options available

**W** Wings VIOSO & Wings RX included

**A** AVIO Advanced Show Control

**↔** flexible I/O configurations



## Form Factor

General Design	19" rack server 4HU
Dimension (WxHxD mm)	483 x 505 x 178
Weight	25 kg
Power Supply	2x redundant PSU 850W

## Capacity

Storage for media	512 GB
Bandwidth	480 MB/s
H.264	min. 4x 4K at 30Hz
HAP	min. 2x 4K at 30Hz

## Applications

Warping & Blending	VIOSO Anyblend VR&SIM <sup>4</sup> included
Auto-Alignment	supported <sup>5</sup>
Desktop resolution adaption	supported <sup>6</sup>
Video playback solution	Wings VIOSO or Wings RX Pro
Show Control	AVIO Advanced

## Product Options<sup>7</sup>

DUO 2+1 output	WE-PR2
QUAD 4+1 output	WE-PR4
HEXA 12+1 output	WE-PR6
OCTO 8+1 output	WE-PR8
Custom up to 16 output	on request

## System

CPU <sup>1</sup>	Intel i7 (6/12 Cores)
RAM	32 GB
GPU <sup>3</sup>	NVIDIA Quadro P4000 up to 4096 x 2160 at 60 Hz via DP 1.2 max. 1920 x 1200 at 60 Hz via DVI-D SL
Framelock/Genlock	-
HDD (OS)	1x 256 GB SSD
HDD (Data) <sup>2</sup>	1x 512 GB SSD
Operating system	Windows 7

## I/O Interfaces

USB	2x USB 2.0 (front) 8x USB 3.0, 2x USB 3.1 (rear)
Ethernet 1 GB/s	2x
Ethernet 10 GB/s	-

## Audio Outputs

Audio Support	7.1 Realtek ALC887
Analog Out	4x Stereo jack 3.5 mm
Digital Out	

## Input Options

1x HDMI Capturing 1x up to 1920x1080 @60fps	DP-LCHD
2x HDMI Capturing 1x up to 3840x2160 @30fps and 1x up to 1920x1080 @60fps	DP-LCHD
1x 3G-SDI Capturing 1x up to 1920x1080 @60fps	DP-LCSDI
2x Displayport Capturing 2x up to 4096x2160 @60Hz per input	DP-SCDP2
4x HDMI/DVI Capturing 2x up to 3840x2160 @30fps and 2x up to 1920x1080 @60fps	DPSCHD4+ /H/D
4x 3G-SDI Capturing 4x up to 1920x1080 @60fps	DP-SCSDI4

1. Upgrade to Intel XEON CPU optional available 2. other storage options available on request: larger volume, RAID, PCIe SSD storage, etc. 3. max. Displayport resolution: 5120 x 2880 at 60Hz, max. DVI-DL resolution: 2560 x 1600 at 60Hz via 3rd party adapter (not included), max. DVI-SL resolution: 1920 x 1200 at 60Hz via adapter (included) 4. Includes VIOSO Anyblend VR&SIM for integration with the operating system and third party application; see currently supported applications here: [http://faq.vioso.com/index.php?solution\\_id=1010](http://faq.vioso.com/index.php?solution_id=1010) 5. supports camera based projector alignment; for supported cameras see [http://faq.vioso.com/index.php?solution\\_id=1040](http://faq.vioso.com/index.php?solution_id=1040) 6. This hardware supports highest level of OS integration for warping and blending (desktop resolution adaption) 7. This is a customizable product with numerous options on upgrades of CPU, RAM, GPU, internal mass storage and professional audio interfaces available on request.