

DM Domemaster

The highest level server in terms of performance, storage and data bandwidth. Can run extremely high resolutions and high frame rates using a variety of professional video codecs. It features uncompressed content display up to 2x 4K@60Hz.



Highest performance for Wings RX



Uncompressed playback up to 2x4K60



HAP, ProRes, H.265, ...



fig. similar

Form Factor

General Design	19" rack server 4HU long
Dimension (WxHxD mm)	483 x 600 x 178
Weight	30 kg
Power Supply	2x redundant PSU 850W

Capacity

Storage for media	1.7 TB (3.4 TB optional)
Bandwidth	2 GB/s (4 GB/s optional)
H.264	min. 4x 4K at 30Hz
HAP	min. 2x 6K at 30Hz 1x 4K at 60Hz uncompressed 2x 4K at 60Hz uncompressed optional

Applications

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

Product Options⁷

QUAD 4+1 output	DM-4
HEXA 6+1 output	DM-6
OCTO 8+1 output	DM-8
Speed&Storage Upgrade to 3.4 TB storage @4GB/s data transfer	DM-U4GB
Custom up to 16 output	on request

System

CPU	Intel Dual XEON (12/24 Cores)
RAM	64 GB
GPU ³	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	yes
HDD (OS)	2x 256 GB SSD (RAID0)
HDD (Data)	8-18x 512 GB SSD (RAID10)
Operating system	Windows 7

I/O Interfaces

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

Audio Outputs

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

Input Options

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

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 5. supports camera based projector alignment; for supported cameras see 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.

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