

VIOSO®

Anystation 4K | Anystation HD



Playback Performance	
Max. recommended resolution ¹ per output	APP-4/6/8: 4k, AHD-12/16/24/32: WUXGA
Max. content resolution ¹ (HAP playback)	APP-4: 10x 4K, APP-6/8,AHD-12/16/24/32: 8x 4k
Form Factor	
General Design	19' rack server 4HU
Dimensions (WxDxH mm)	483 x 505 x 178
Weight	25 kg
Power Supply	2x redundant 900W
Application	
Warping & Blending	VIOSO 7
Auto Alignment	supported ²
Desktop Resolution Adaption	supported ³
Mediaserver included	EXAPLAY 3
Operating System	Windows 11 IoT Enterprise LTSC (support until 2034)
Hardware	
CPU	Intel XEON, 8/16 Cores, 3.9/4.5 GHz Base/Turbo freq ⁴
RAM	64GB ⁵
GPU for user interface	NVIDIA A400 2GB <i>Outputs: 4 x Mini- Displayport (HDMI adaptors optional available)</i>
GPU for projectors (high performance)	1-2x NVIDIA RTX PRO 4000 Blackwell <i>Outputs per GPU: 4 x Displayport (HDMI adaptors available)</i>
Framelock / Genlock	1x NVIDIA RTX PRO SYNC for APP-8, APP-12 and APP-16
HDD OS	1x 512 GB SSD
HDD for video data	1x 4 TB NVMe ⁶ SSD
Warranty	
Software	2 years software maintenance
Hardware	2 years bring-in warranty

¹ FullHD: 1920x1080@ 60Hz, WUXGA:1920x1200@60Hz, UHD:3840x2160@60Hz, 4K: 3840x2400Hz or 4096x2160@60Hz

² Supports camera based projector alignment; for supported cameras see <https://docs.vioso.com/preparation/camera>

³ This hardware supports highest level of OS integration for warping and blending (desktop resolution adaption)

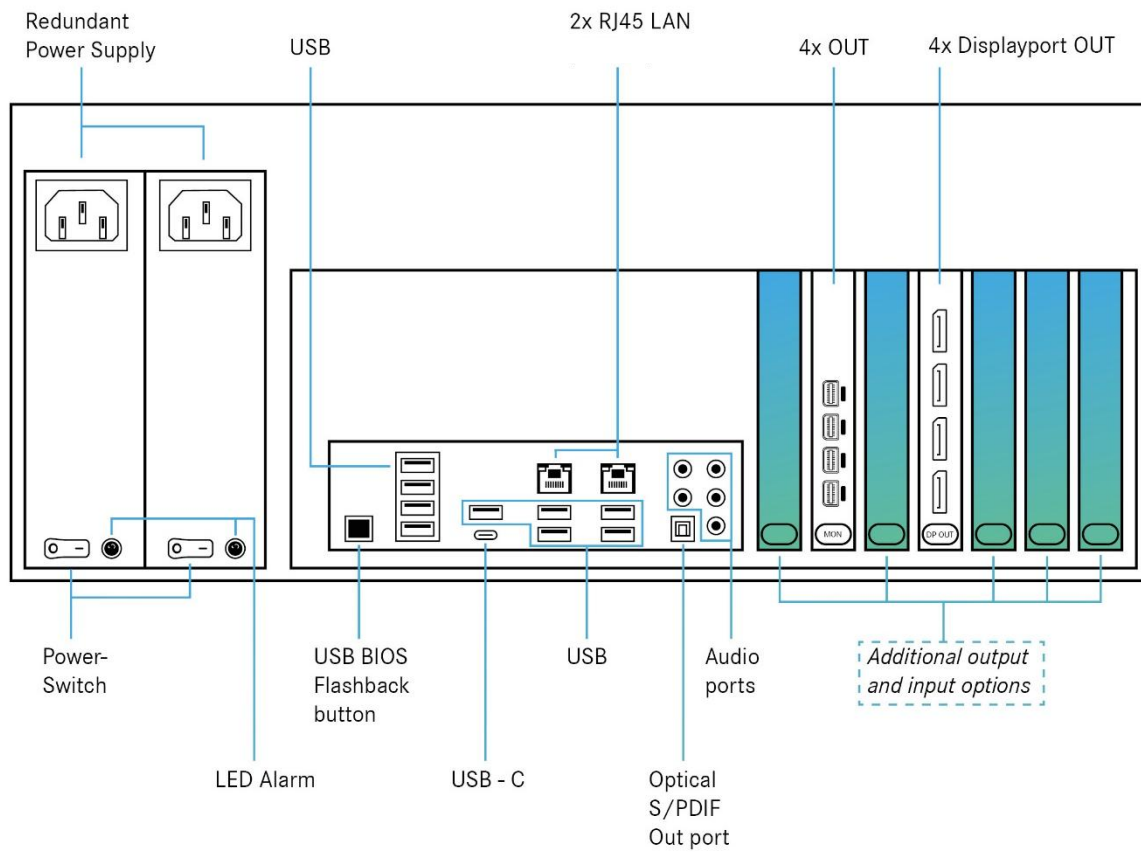
⁴ CPU upgrade optional available

⁵ RAM upgrade optional available

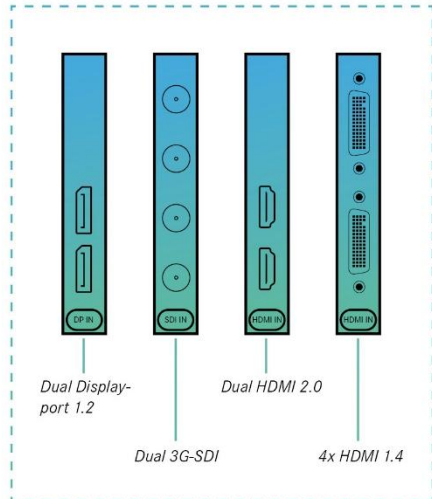
⁶ Other storage options available on request: larger volume, RAID, PCIe NVMe storage, etc.

Interfaces	
USB	Front: 2x USB 3.0 Rear: 1x USB 3.1 Gen 2, 4x USB 3.1 Gen 1, 4x USB 2.0, 1x USB 3.1 C-Type
Ethernet	APP-4, APP-8: 1x 10 Gb/s, 1x 2.5 Gb/s APP-12, APP-16: 2x 10 Gb/s
WLAN	-
Audio	
Audio Support	onBoard 7.1 Realtek ALC887
I/O	4x Stereo Jack 3.5 mm
Product Options	
4K QUAD	APP-4
4K OCTO	APP-8
HD12 (max. WUXGA resolution)	AHD-12
HD16 (max. WUXGA resolution)	AHD-16
HD24 (max. WUXGA resolution)	AHD-24
HD32 (max. WUXGA resolution)	AHD-32
Input Options	
2x Displayport <i>Capturing 2x up to 4096x2160 @60Hz per input</i>	DP-SCDP2
2x HDMI 2.0 <i>Capturing 2x up to 3840x2160 @60Hz per input</i>	DP-SCUHD2
4x HDMI/DVI <i>Capturing 2x up to 3840x2160 @30fps and 2x up to 1920x1080 @60fps</i>	DPSCHD4+/H/D
4x 3G-SDI <i>Capturing 4x up to 1920x1080 @60fps</i>	DP-SCSDI4
Adaptor Options	
Displayport to HDMI 2.0b	ADP_DP-HDMI2b
Displayport to DVI-D	ADP_DP-DVI
Mini Displayport 1.2 to HDMI 2.0	ADP_mDP-HDMI2
Mini Displayport to Displayport	ADP_mDP-DP
Mini Displayport to DVI-D	ADP_mDP-DVI

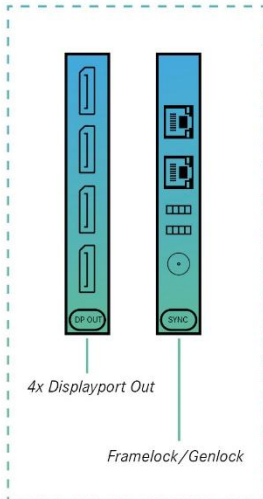
Technical Drawings



High Bandwidth Input Options



Output Options



VIOSO®

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Connecting Splitters to Anystation HD

The outstanding performance of the Anystation HD lies in the fact that a GPU is used and the required number of outputs is realized via display splitters. Therefore, all displays or projectors must be connected exclusively via the two display splitters supplied. These are preconfigured as follows:

3840x2400@60Hz per splitter, which corresponds to 4x 1920x1200@60Hz (WUXGA) in 2x2 topology

These topologies are particularly efficient and have no relevance for the actual display or projection layout. This is determined solely by the VIOSO calibration and configuration of EXAPLAY.

Other resolutions such as 3840x2130 (4x 1920x1080) and other refresh rates (50Hz, 25Hz, etc.) can be pushed to the splitters using a user-defined resolution via the NVIDIA Control Panel. How this works is shown here: <https://www.youtube.com/watch?v=rjp0a9RddzY>

Important: All splitters must have the same identical resolution and refresh rate!

