

VIOSO®

Anystation HD & 4K



Playback Performance	
Max. recommended resolution ¹ per output	APP-4/6/8: 4k, APP-12/16: WUXGA
Max. content resolution ¹ (HAP playback)	APP-4: 10x 4K, APP-6/8: 8x 4K, APP-12: 6x 4k
Form Factor	
General Design	19" rack server 4HU
Dimensions (WxHxD mm)	483 x 505 x 178
Weight	25 kg
Power Supply	2x redundant 900W
Application	
Warping & Blending	VIOSO 6
Auto Alignment	supported ²
Desktop Resolution Adaption	supported ³
Mediaserver included	EXAPLAY
Operating System	Windows 10/11 IoT Enterprise LTSC
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)	1-4x NVIDIA RTX A4000 <i>Outputs per GPU: 4 x Displayport (HDMI adaptors optional available)</i>
Framelock / Genlock	Yes for APP-8, APP-12 and APP-16
HDD OS	1x 512 GB SSD
HDD for video data	1x 4 TB NVMe ⁶
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

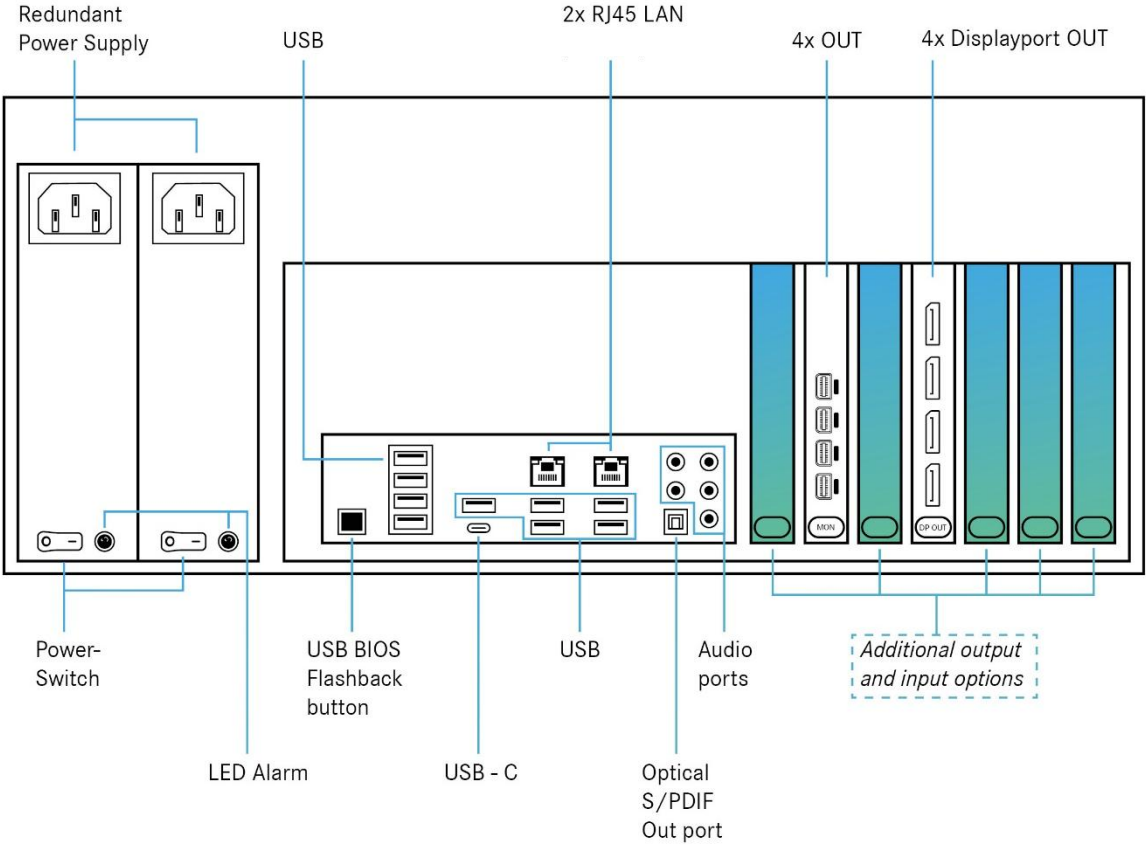
⁵ RAM upgrade optional available

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

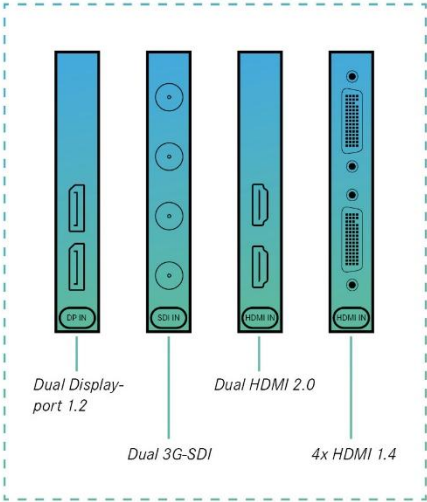
Interfaces	
USB	Front: 2x USB 3.0 Rear: 1x USB 3.1 Gen 2, 4x USB 3.1 Gen 1, 4x USB 2.0, 1x USB 3.1 C-Type
Ethernet	APP-4, APP-8: 1x 10 Gb/s, 1x 2.5 Gb/s APP-12, APP-16: 2x 10 Gb/s
WLAN	-
Audio	
Audio Support	onBoard 7.1 Realtek ALC887
I/O	4x Stereo Jack 3.5 mm
Product Options	
QUAD	APP-4
OCTO	APP-8
X12 (max. WUXGA resolution)	APP-12
X16 (max. WUXGA resolution)	APP-16
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 Displayport to DVI-D	ADP_DP-HDMI2b ADP_DP-DVI
Mini Displayport 1.2 to HDMI 2.0 Mini Displayport to Displayport Mini Displayport to DVI-D	ADP_mDP-HDMI2 ADP_mDP-DP ADP_mDP-DVI



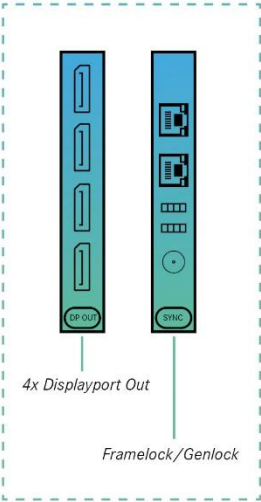
Technical Drawings



High Bandwidth Input Options



Output Options



Connecting Splitters to Anystation HD

The outstanding performance of the Anystation HD lies in the fact that only one GPU is used and the required number of outputs is provided via display splitters. Therefore, all displays or projectors must be connected exclusively using the display splitters supplied:

Anystation HD x12: uses 3 splitters

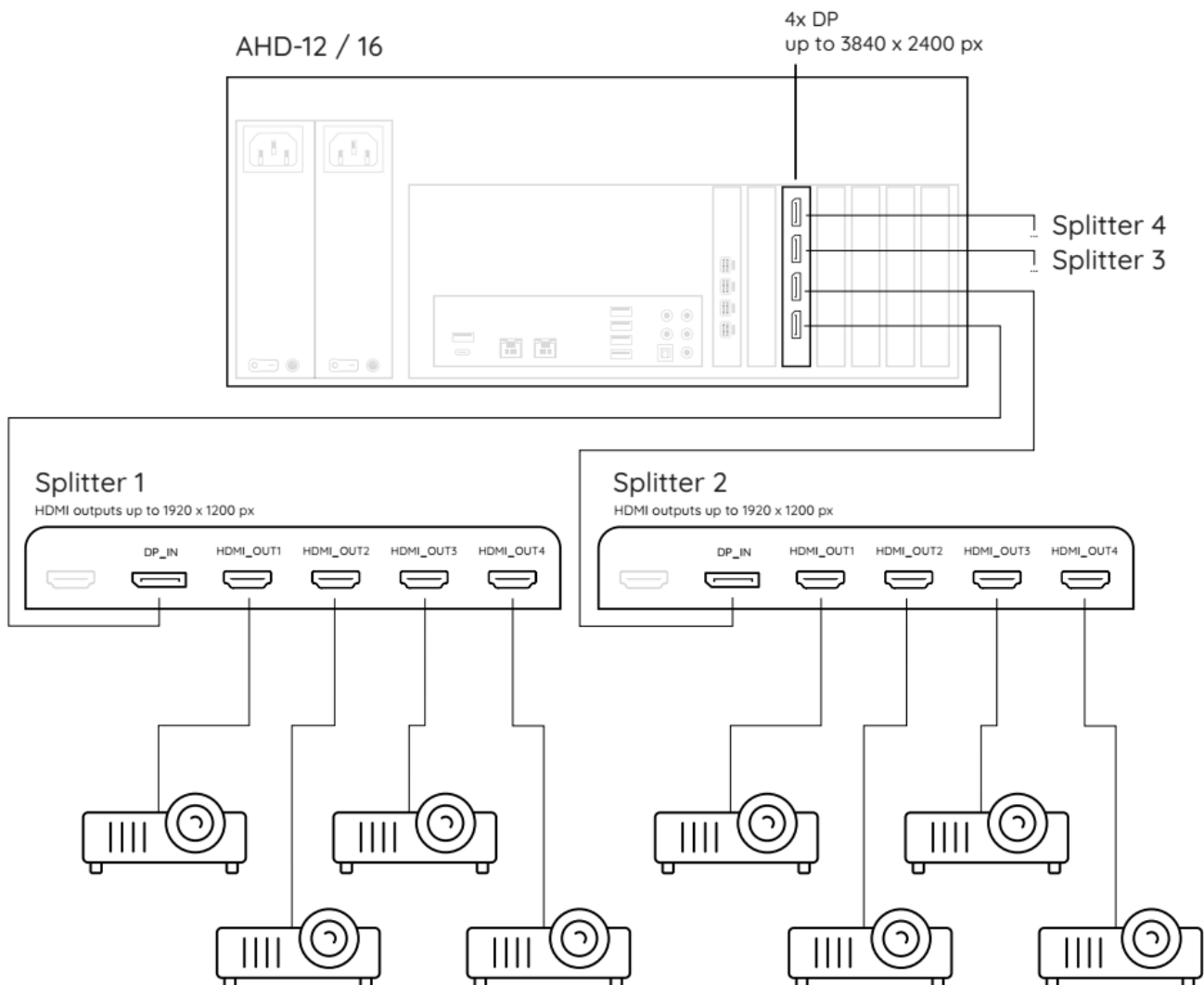
Anystation HD x16: uses 4 splitters

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!



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