

VIOSO®

Anystation Micro v.4.2

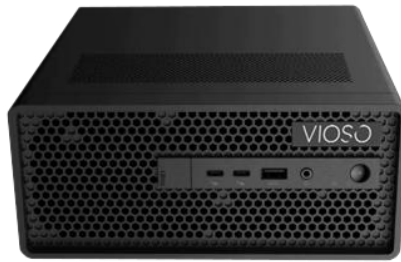


fig. similar

Playback Performance	
Max. recommended resolution ¹ per output	AM4-4: UHD, AM4-6/8: WUXGA
Max. content resolution ¹ (HAP playback)	3x UHD
Form Factor	
General Design	industrial PC
Dimensions (WxHxD mm)	202 x 87 x 223
Weight	ca. 2.5 kg
Power Supply	external 300W
Application	
Warping & Blending	VIOSO 6
Auto Alignment	supported ²
Desktop Resolution Adaption	supported ³
Video Playback Solution	Exaplay
Operating System	Windows 10/11 Enterprise LTSC (IoT)
Hardware	
CPU	Intel i7-12700, 6/12Cores, 2.1/4.8 GHz Base/Turbo freq.
RAM	32 GB
GPU for projectors	AM4-4: NVIDIA RTX A2000 (4x mini Displayport) please order appropriate adaptors AM4-6/8: NVIDIA RTX A2000 + 2x Splitter (each 4x HDMI) HDMI outputs support max. WUXGA@60Hz resolution
GPU for UI	Intel onboard <i>Display Connectors: 3x Displayport V1.2</i> <i>Note: cannot be used when desktop hooking is used</i>
Framelock / Genlock	-
HDD Primary	1x 512 GB SSD
HDD Secondary	1x 2 TB NVMe, 3 GB/s read speed
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

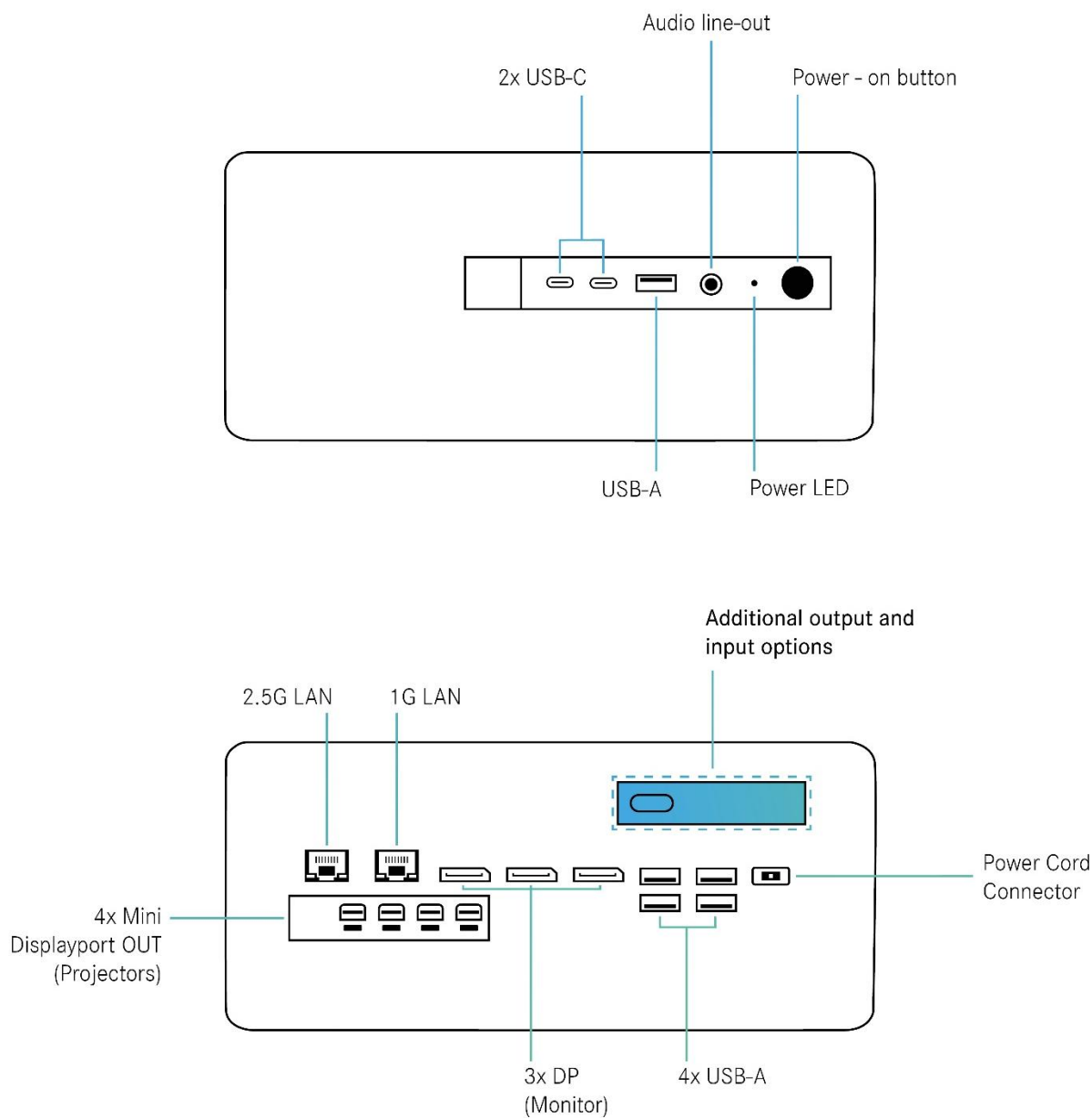
² Supports camera based projector alignment; for supported cameras see <https://docs.vioso.com/preparation/camera>

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

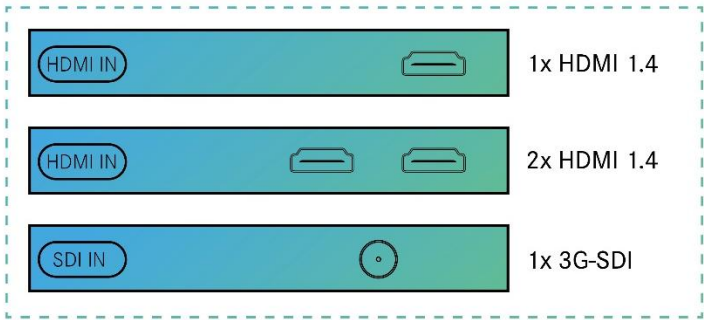
Interfaces	
USB	Front: 2x USB-C, 1x USB Rear: 4x USB
Ethernet	1x Ethernet (2,5 Gbit/s) 1x Ethernet (1 Gbit/s)
Wireless	Wireless LAN Intel® Wi-Fi 6 AX201 2x2 AX Bluetooth® 5.1 or above
Audio	
Audio Interface	onBoard 2.0 (Stereo)
I/O	1x Line out
Product Options	
Anystation Micro 4 Outputs <i>Incl. VIOSO 6 + Exaplay</i>	AM4-4
Anystation Micro 6 Outputs <i>Incl. VIOSO 6 + Exaplay</i>	AM4-6
Anystation Micro 8 Outputs <i>Incl. VIOSO 6 + Exaplay</i>	AM4-8
Input Options	
1x HDMI <i>Capturing 1x up to 1920x1080 @60fps</i>	DP-LCHD
2x HDMI <i>Capturing 1x up to 3840x2160 @30fps and 1x up to 1920x1080 @60fps</i>	DP-LCHD2
1x 3G-SDI <i>Capturing 1x up to 1920x1080 @60fps</i>	DP-LCSDI
Adaptor Options	
Mini Displayport to DVI, Displayport and HDMI:	
Mini Displayport to DVI-D Mini DisplayPort 1.2 to HDMI 2.0 Mini Displayport to Displayport	ADP_mDP-DVI ADP_mDP-HDMI2 ADP_mDP-DP



Technical Drawings



Input options



Connecting Splitters to Anystation Micro

The outstanding performance of the Anystation Micro 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:

Anystation Micro Hexa:

5760x1200@60Hz per splitter, which corresponds to 3x 1920x1200@60Hz (WUXGA) in 1x3 topology

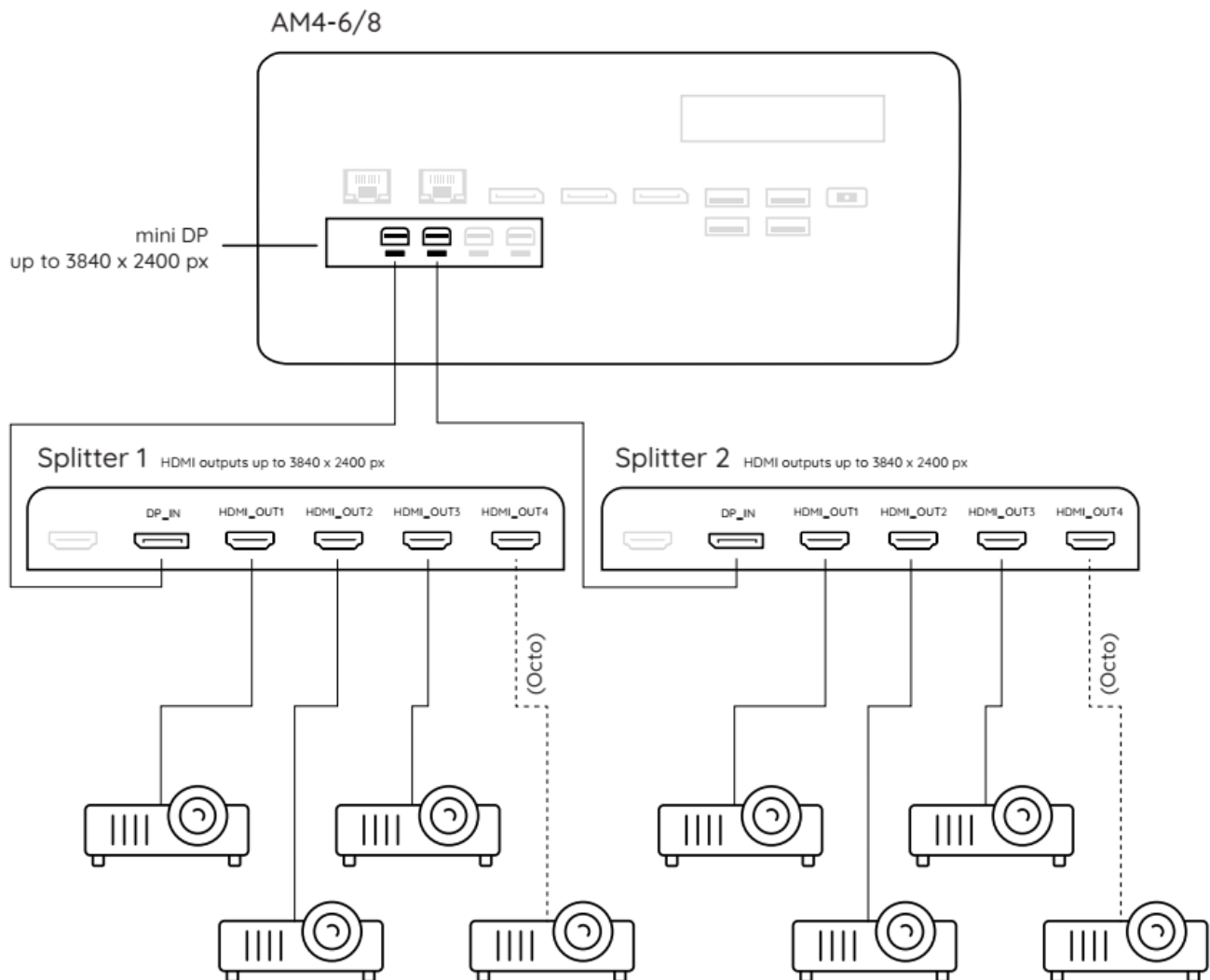
Anystation Micro Octo:

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!



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