VIOSO®

Anystation Micro v.5
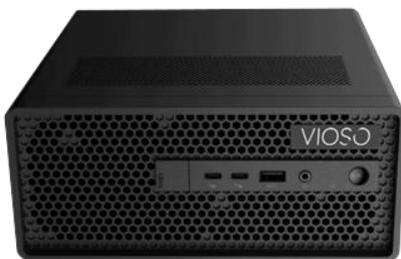
fig. similar

Playback Performance	
Max. recommended resolution[1] per output	AM5-4: UHD, AM5-6/8: 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 7
Auto Alignment	supported[2]
Desktop Resolution Adaption	supported[3]
Video Playback Solution	EXAPLAY
Operating System	Windows 11 IoT Enterprise LTSC (support until 2034)
Hardware	
CPU	Intel i5, 6/12Cores, 2.1/4.8 GHz Base/Turbo freq.
RAM	32 GB
GPU for projectors	AM4-4: NVIDIA A2000e Ada (4x mini Displayport) please order appropriate adaptors AM4-6/8: NVIDIA A2000e Ada + 2x Splitter (each 4x HDMI) HDMI outputs support max. WUXGA@60Hz resolution
GPU for UI	Intel onboard *Display Connectors: 3x Displayport V1.2* *Note: cannot be used when desktop hooking is used*
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

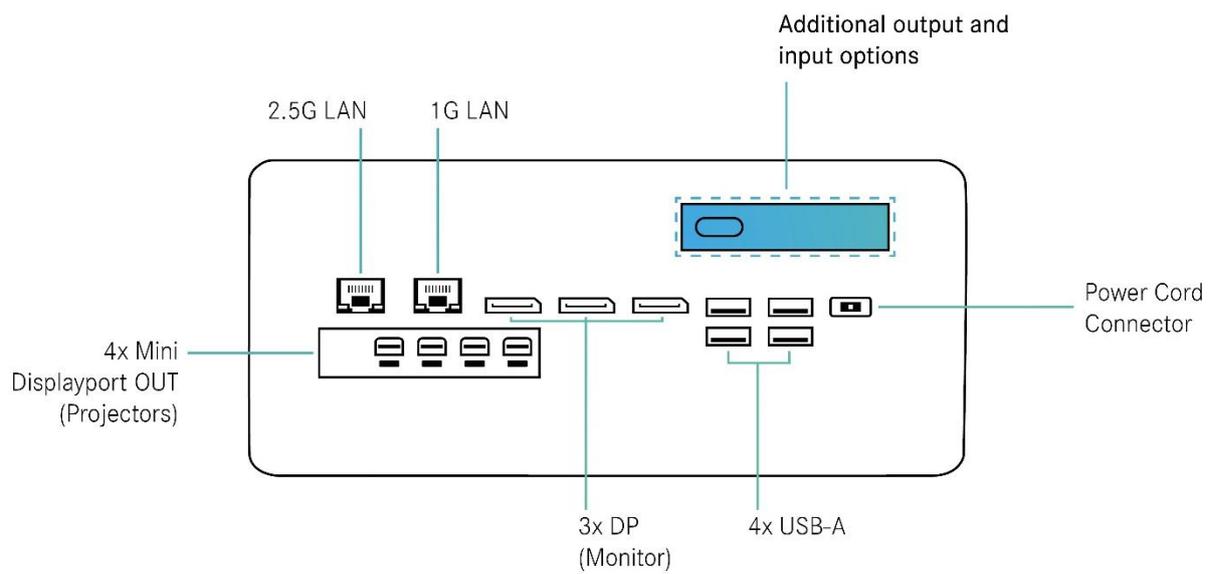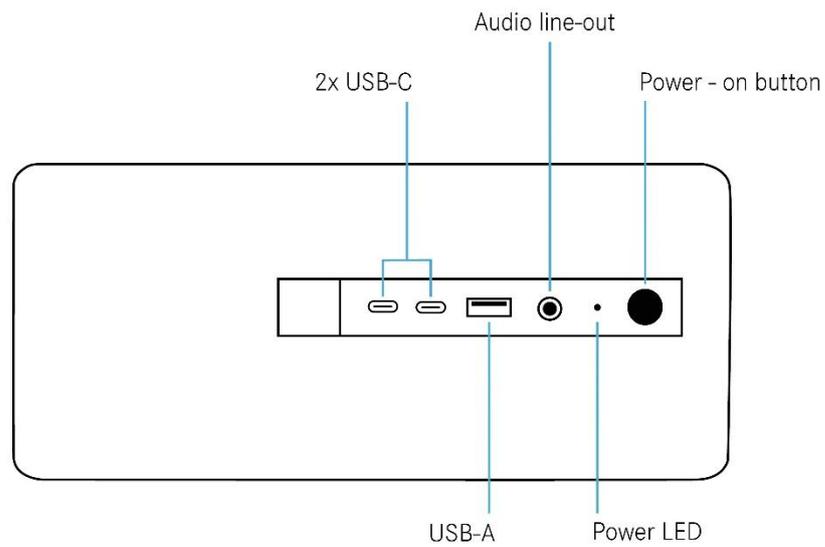[1] FullHD: 1920x1080@ 60Hz, WUXGA:1920x1200@60Hz, UHD:3840x2160@60Hz, 4K: 3840x2400Hz or 4096x2160@60Hz
[2] Supports camera based projector alignment; for supported cameras see https://docs.vioso.com/preparation/camera
[3] This hardware supports highest level of OS integration for warping and blending (desktop resolution adaption)
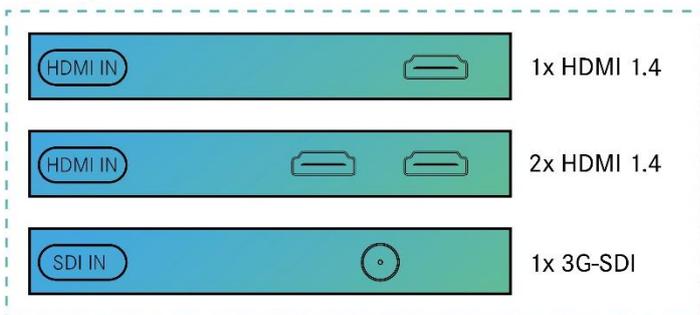
Interfaces	
USB	Front: 2x USB-C, 1x USB Rear: 4x USB
Ethernet	1x Ethernet (2,5 Gbit/s) 1x Ethernet (1 Gbit/s)
Wireless	Wireless LAN Intel® Wi-Fi 6 AX201 2x2 AX Bluetooth® 5.1 or above

Audio	
Audio Interface	onBoard 2.0 (Stereo)
I/O	1x Line out

Product Options	
Anystation Micro | 4 Outputs *Incl. VIOSO 6 + Exaplay*	AM5-4
Anystation Micro | 6 Outputs *Incl. VIOSO 6 + Exaplay*	AM5-6
Anystation Micro | 8 Outputs *Incl. VIOSO 6 + Exaplay*	AM5-8

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-LCHD2
1x 3G-SDI *Capturing 1x up to 1920x1080 @60fps*	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

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Technical Drawings

2x USB-C

Audio line-out

Power - on button

USB-A

Power LED

Additional output and input options

2.5G LAN

1G LAN

4x Mini Displayport OUT (Projectors)

Power Cord Connector

3x DP (Monitor)

4x USB-A

Input options

HDMI IN   1x HDMI 1.4

HDMI IN   2x HDMI 1.4

SDI IN   1x 3G-SDI

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:
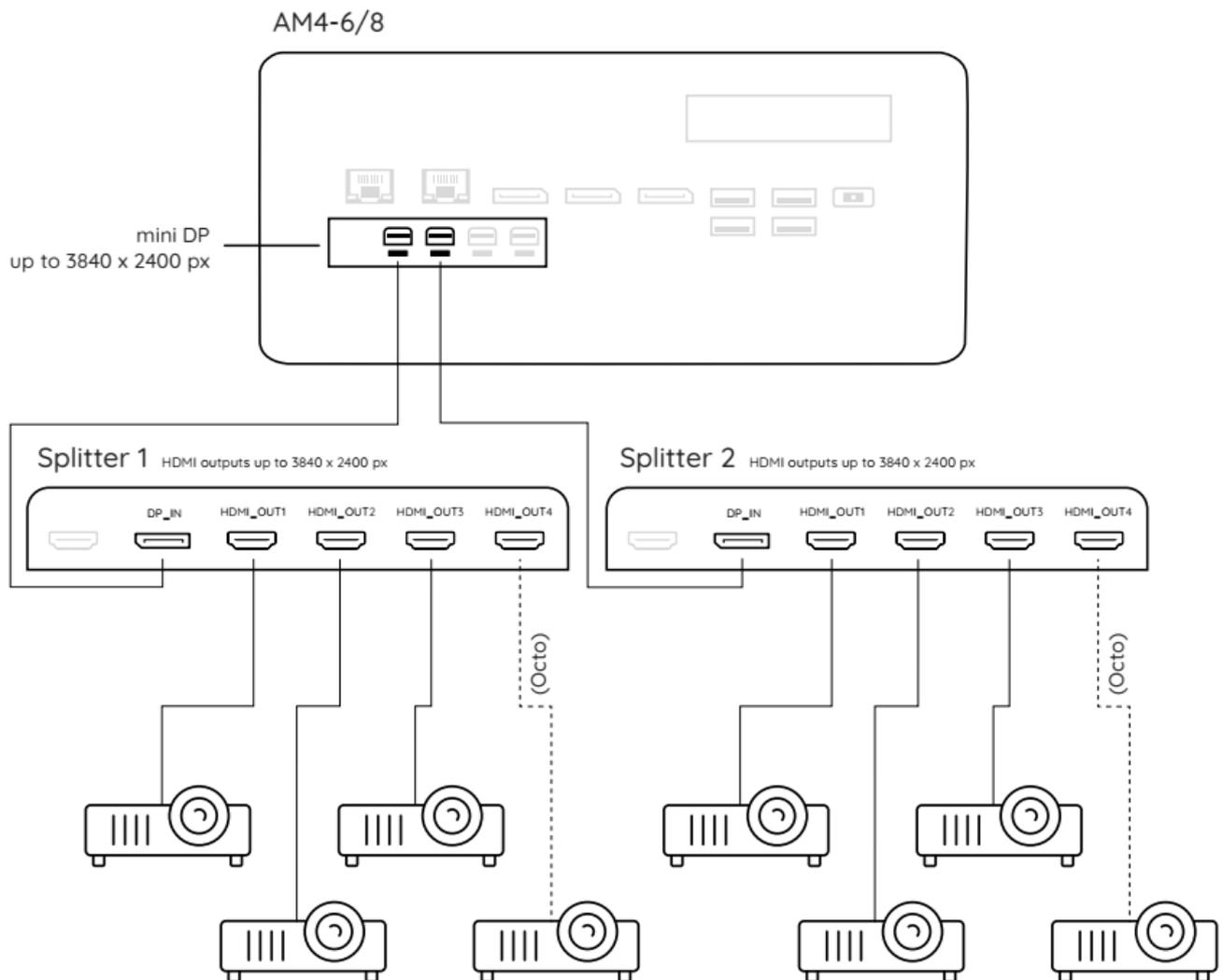5760x1200@60Hz per splitter, which corresponds to 3x 1920x1200@60Hz (WUXGA) in 1x3 topology
Anystation Micro Octo:
3840x2400@60Hz per splitter, which corresponds to 4x 1920x1200@60Hz (WUXGA) in 2x2 topology

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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