

# SIM IG

Powerful 2HU rack-mount workstation to run real-time applications with highest performance. Ready to boost Unity3D®, Unreal® and other engines on complex screen or projection setups thanks to the complementary VIOSO Integrate solution.

- compact 2 HU high-performance workstation for rack mounting
- Featuring NVIDIA RTX 3070 (SIM IG) or NVIDIA Quadro RTX 5000 (SIM IG Plus)
- Plugins for Unity3D and Unreal included



fig. similar

Form Factor	
General Design	19" rack server 2HU
Dimension (WxHxD mm)	483 x 650 x 88
Weight	20 kg
Power Supply	2x redundant PSU 760W

Applications	
Warping & Blending	VIOSO Anyblend VR&SIM included <sup>1</sup>
Auto-Alignment	supported <sup>2</sup>
Desktop resolution adaption	not supported (SIM IG) supported (SIM IG Plus) <sup>3</sup>
Video playback solution	-
Show Control	-
Operating System	Windows 10 Pro

Hardware	
CPU	Intel Core i9, 10/20 Cores, 2.8/5.2 GHz Base/Turbo freq. <sup>4</sup>
RAM	32 GB <sup>5</sup>
Primary GPU (SIM IG)	NVIDIA RTX 3070 Display Connectors: 3 x DisplayPort 1.4a, 1x HDMI 2.1 <sup>6</sup>
Primary GPU (SIM IG Plus)	NVIDIA Quadro RTX 5000 Display Connectors: 4 x DisplayPort 1.4, 1x USB-C <sup>7</sup>
Framelock/Genlock	included (SIM IG Plus)
HDD Primary	1 TB NVMe <sup>8</sup>
HDD Secondary	-

USB & Network	
USB	Front: 2x USB 2.0 Rear: 4x USB 3.2, 2x USB 3.2 Gen 1, 2x USB-C (Thunderbolt 3)
Ethernet	2x 1 GB/s
WLAN	-

Audio	
Audio Interface	onBoard 7.1 Realtek ALC887
I/O	4x Stereo Jack 3.5 mm, 1x Toslink

Adaptor Options	
Displayport to DVI and HDMI	
Displayport to DVI-D	ADP_DP-DVI
Displayport to HDMI 2.0b HDR	ADP_DP-HDMI2b
USB-C to DVI, Displayport and HDMI (required for NVIDIA RTX GPUs!)*	
USB-C to DVI-D	ADP_USBC-DVI
USB-C to HDMI 2.0	ADP_USBC-HDMI2
USB-C to Displayport 1.4	ADP_USBC-DP14

1. Includes VIOSO Anyblend VR&SIM supporting numerous professional simulation applications; learn more here: <https://helpdesk.vioso.com/documentation/vrsim-software-overview/supported-simulation-solutions/>
2. Supports camera based projector alignment; for supported cameras see <https://helpdesk.vioso.com/faq/system/#3442>
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. 10 GB GDDR6X @320-bit / 8704 CUDA Cores / 7680 x 4320 max resolution
7. 16 GB GDDR6 @256-bit / 3072 CUDA Cores / 7680 x 4320 max resolution
8. Other storage options available on request: larger volume, RAID, PCIe SSD storage, etc.
9. SIM IG Plus only