

Hardware	STAGE SERVER
Product Type	Media Server
Product Dimensions	431 mm x 720 mm x 221 mm
Case Dimensions	482 mm x 760 mm x 221 mm
Weight	34 kg
CPU	Intel Xeon, 8 core
RAM	64GB ECC
Power Supply	120/230VAV, 50/60Hz, Max. 1000VA
Video Outputs	4x DP1.2
GUI Outputs	2 (1x DVI, 1x DP1.2)
Output Resolution Info	DP1.2: 4096x2160 @60Hz
USB Slots	2x USB3 front, 3xUSB3 back
Network	2x Gbit LAN
Video Inputs	2x DVI/RGB/YUV, 2x 3G-SDI
Audio interfaces	6x analog out balanced, 1x stereo phones out, 1x SPDIF out, 1x AES out, 1x ADAT out, 1x ADAT in, 2x analog in balanced
Touch Display	Yes, 8,9"
Genlock	Yes
Framelock	Yes
EDID Management	Yes
SSD OS	240 GB
SSD Data	1,9 TB standard / 3,8 TB and 7,6 TB optional (RAID 0)
SSD Data Rate	1GB/s (up to 2,5GB/s)
Software	Wings AV-Suite
Operating System	AV Stumpfl Media Server OS (Windows embedded/IoT x64)
Wings Vioso Software	Wings Vioso RX Pro
Vioso Camera Calibration	Vioso Pro (Any surface, Multi Client)
Uncompressed Content Playback	Optional
Highres Content Production (Audio, Video, Graphics)	Yes
Video Layers	Unlimited
Audio Layers	Unlimited
Image Layers	Unlimited
Effect Layers	Unlimited
Show Control Layers	Unlimited
Performance Monitoring	Yes
Offline Preview	Yes
Wings Avio	Avio Advanced
Avio Manager	Yes
Wings Touch	Yes

Technical information contained in this document is subject to change without prior notice. Should you need further clarification/information, please contact AV Stumpfl.



STAGE SERVER
Versatile, Powerful and Robust



STAGE SERVER

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STAGE Server is a technologically advanced Media Server system featuring a solid hardware platform, **automatic camera based softedge and warping calibration**, as well as DVI/3G-SDI Live inputs and virtually no resolution and content limitations. Whether as part of **live events, corporate presentations** or **themed installations**, the wide ranging feature set combines hardware reliability with software flexibility.

CASE DESIGN

Robust. Shock-proof. Stylish. Professional.

Did you ever try to use regular computers in a rough staging environment? We have a „hands-on“ understanding of rental & staging industry requirements. Combined with our over 40 years of experience in developing and manufacturing premium quality projection screens this results in an ingenious case design.

The outer case is made of high-strength stainless steel and holds an inner case made of aluminum alloy on shock absorbing anti vibration rubber buffers. All connections between the electronics compartment and the Neutrik plugs on the outer case are secured and maintenance free.

WHAT'S NEW?

- Increased Case Stability
- Xeon Processor
- ECC Registered Memory
- 4 Display Ports 1.2
- DVI + Display Port GUI
- Multiple Hard Drive Options
- 6 Audio Outputs, ADAT, AES and SPDIF
- USB 3.0



PERFORMANCE AND DURABILITY

4K and beyond. Uncompressed Playback. Live Rendering.

All components of our Stage media server have been selected according to the following criteria:
Uncompromising performance and robustness.
The resulting capabilities range from multi Full HD streams up to image sequence playback - so called uncompressed playback.

TOUCH CONTROL

Quick access. Intuitive use. Cool design.

The front panel holds the 8.9" touch display for quick system access and air inflow filters. These filters are backlit with a multi-color LED which reflects the system status with associated colors (OK, Busy, Idle, Error...). USB 3.0 connectors for fast content delivery are also conveniently located on the front panel.



CONNECTIVITY

Input. Output. Control. Network.

The rear panel is designed for the intuitive and secure connection of cameras and live feeds, projectors, displays, audio, frame sync, network and of course: power. Large fans pull fresh air through the system for active cooling of the electronic compartment and all important connections are Neutrik plugs, which can be secured to prevent unintended signal disconnection during shows.

INPUTS

High resolution. Low delay. High frame rate.

Up to 2 DVI and up to 8 3G-SDI inputs feed live signals from cameras, computers or other signals into the media server. The live signals can be used together with content from the SSD Raid system, either as part of preprogrammed timelines or controlled live in real time.

OUTPUTS

High quality. High performance. Synchronized.

STAGE Server is available with 4 DP1.2 outputs for feeding signals to projectors or displays. All outputs are frame locked and can be genlocked to prevent tearing and jerking when using multiple projectors and/or displays and cameras in the same setup.