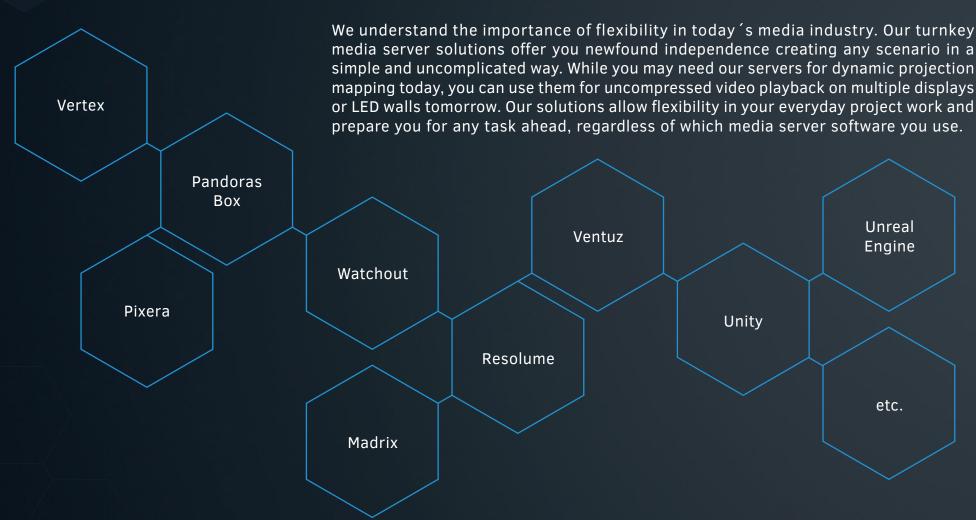


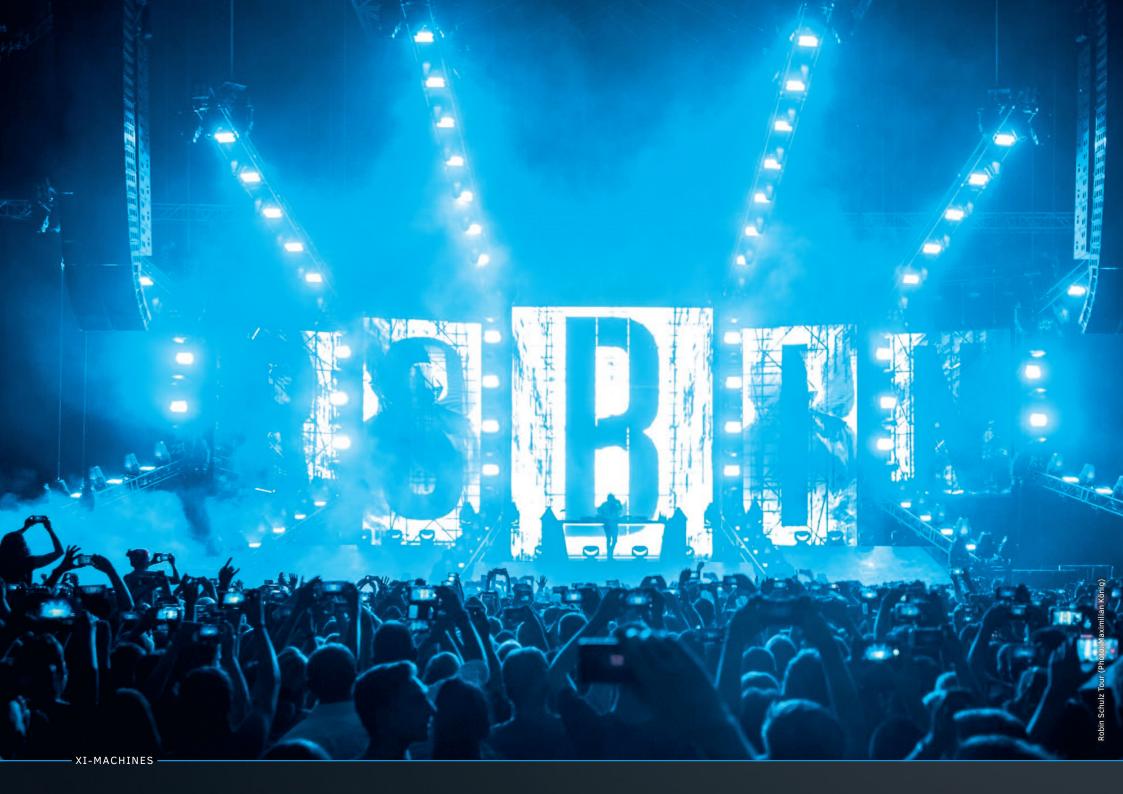
MEDIASERVER

YOUR VISION-OUR SOLUTION

FLEXIBLE AND INDEPENDENT









Our media servers are used around the globe in numerous prestigious projects to create the most stunning experiences. From media playback on international cruise ships sailing the high seas to incredible outdoor productions in the sandy deserts of Dubai. They are used on ever-changing stages of the world or in hectic everyday tour life and are present in interactive applications in critical live broadcasting or fixed installations.

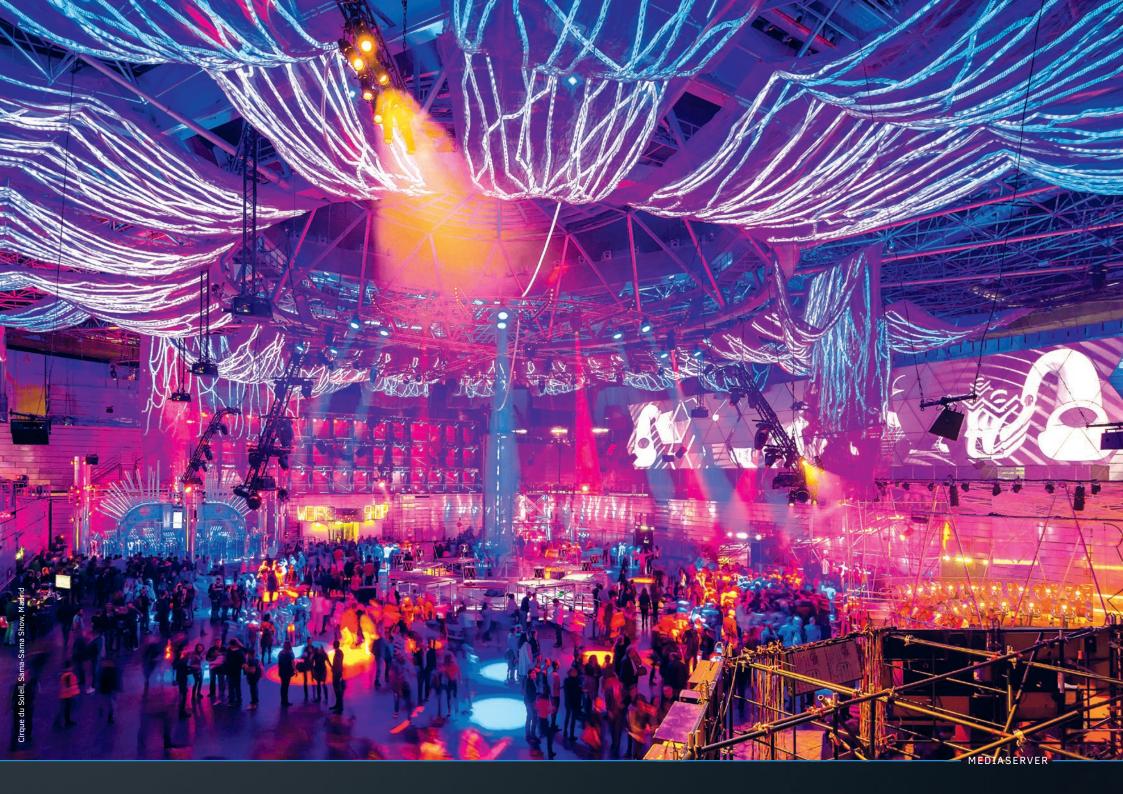
NO COMPROMISE

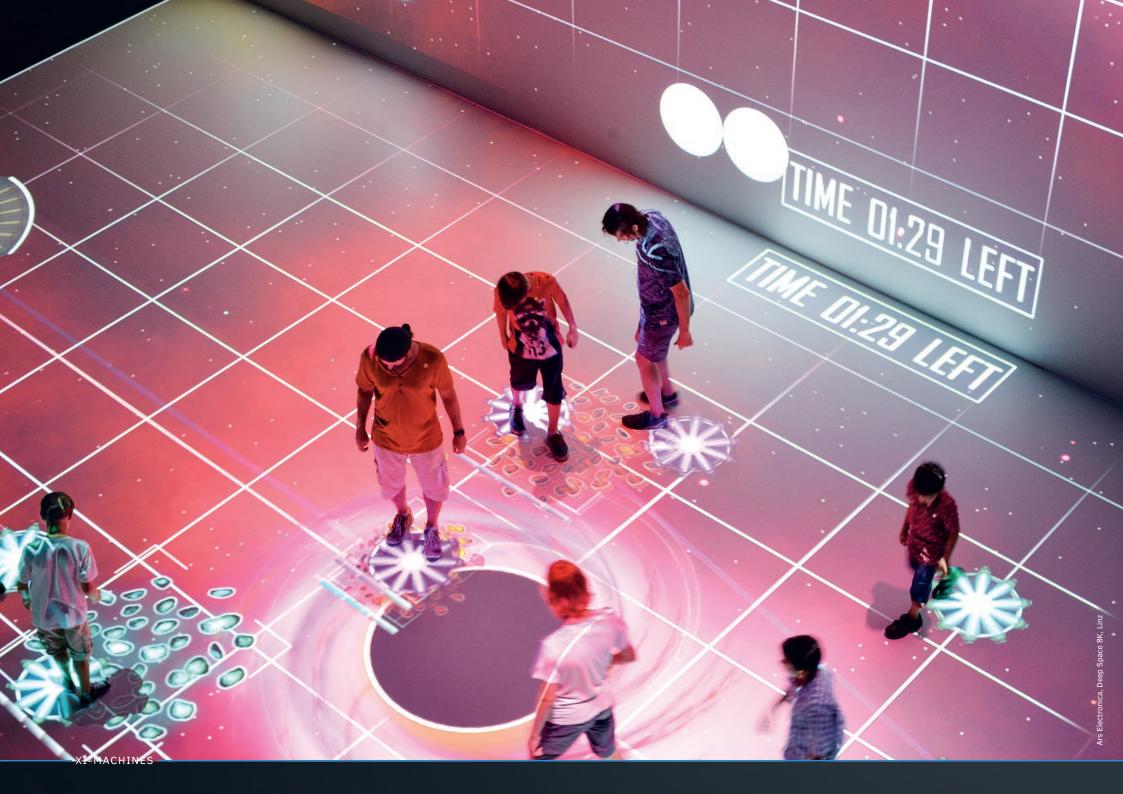
To ensure maximum performance and stability in continuous operation, we select the components we use with great care; this is why we only use handpicked enterprise-class components for our media servers. To make sure only the best components are chosen, our IT specialists run extensive shootout tests before they are qualified for the use in our products.

Every single media server produced by XI-MACHINES is assembled, installed, and optimized by qualified IT technicians in our in-house production in Hamburg, Germany. Before it leaves the premises, each media server has to pass comprehensive system stability tests and final quality control. Only then it will be handed to our logistics department, be securely packed, and shipped to its final destination anywhere in the world.

INDUSTRY RELATED AND COMPETENT

Each system is carefully validated by our product managers for future use with all major media server applications. To make this possible, we maintain close relationships with users, developers, and manufacturers within the industry. This continuous exchange, as well as our own experience in the professional project business, help us to do so. Therefore, we not only assist in the decision-making during the project planning phase but also help with our experienced technical support, should something go wrong with your installation.





MEDIASERVER 1U



MEDIASERVER 1U

compact media-playout-system – ideal for fixed installations

- ultra-compact form factor only 33 cm/13" installation depth
- 4 display outputs with up to 4K/60Hz
- 4K uncompressed playback with 60fps
- supports multisystem-cluster framelock, genlock
- integrated remote management module access to hardware functions (on, off, restart, sensors, etc.)

MEDIASERVER 1U CONTROI

compact control and remote management system

- ultra-compact form factor only 33 cm/13" installation depth
- setup and control of all relevant functions of an installation
- centralized maintenance access to remote management modules of all media servers of an installation
- integrated remote management module access to hardware functions (on, off, restart, sensors, etc.)

MEDIASERVER M2



MEDIASERVER M2 PLAYER

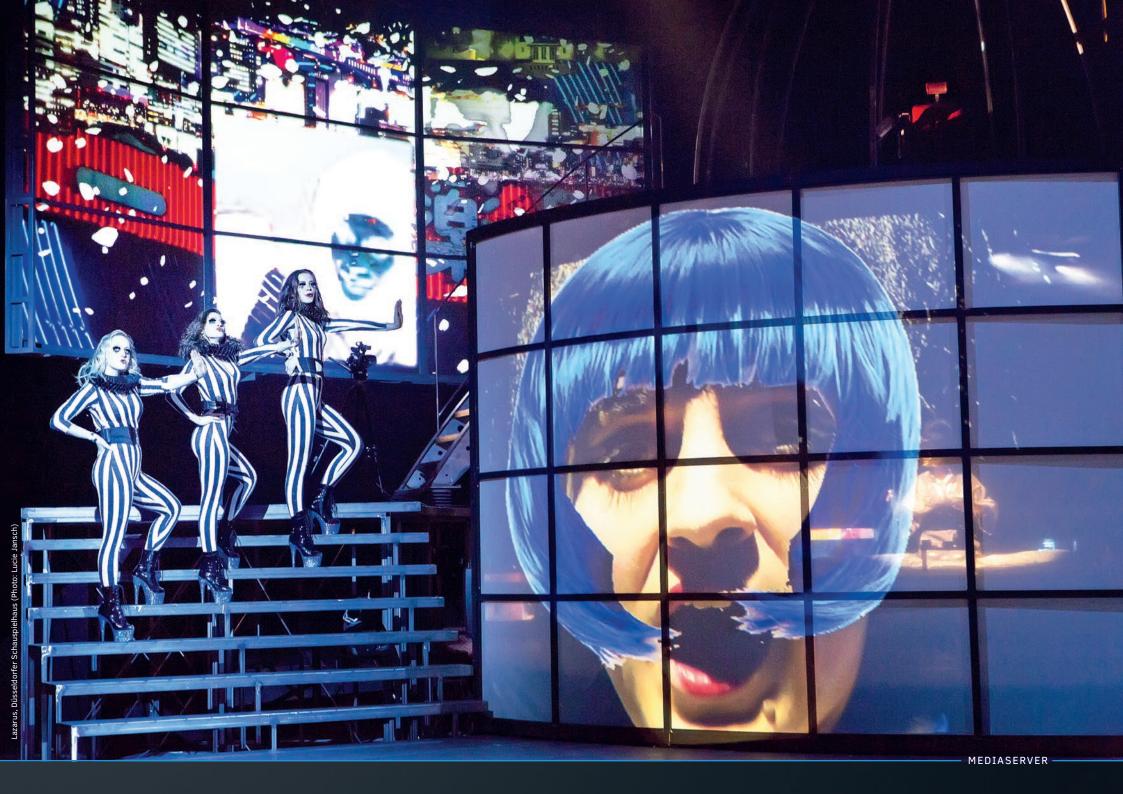
powerful media-playout-system – ideal for more demanding and complex projects

- compact form factor only 46 cm/18.11" installation depth
- 4 to 8 display outputs with up to 4K/60Hz
- 4K-/8K uncompressed playback with 60fps
- supports multisystem-cluster framelock, genlock
- comprehensive expansion options
- · redundant industrial power supply incl. error monitoring
- integrated remote management module access to hardware functions (on, off, restart, sensors, etc.)

MEDIASERVER M2 MANAGER

professional media-management-system — ideal for managing larger installations with multiple Players

- compact form factor only 46 cm/18.11" installation depth
- · centralized show-management
- fail-safe, centralized data storage for content (capacity up to 54TB)
- comprehensive I/O features
- redundant industrial power supply incl. error monitoring
- integrated remote management module access to hardware functions (on, off, restart, sensors, etc.)



Product	Mediaserver 1U						
Model	Mediaserver 1U	Mediaserver 1U control					
Video Outputs							
Number of Outputs	4						
Output Type	DisplayPort 1.4						
Max. Resolution (Dimension / Frame Rate)	4,096 x 2,160 @60Hz						
EDID Management	yes						
Synchronization (Framelock, Genlock)	optional						
Control Outputs (GUI)	outs (GUI)						
Control Monitor Output	HDMI, DisplayPort, DVI						
Playback Performance							
BMP Image Sequence 7680x4320 60fps uncompressed							
BMP Image Sequence 3840x2160 60fps uncompressed	2						
DDS Image Sequence 3840x2160 60fps	9						
HAP-Q Video 3840x2160 60fps	3						
Software							
Validated for	Pandoras Box, Vertex, Watchout, Pixera, Mac	drix, Resolume, Unity, Unreal Engine, Ventuz					
Media Server Software Licenses	optional	optional					
Operating System	Windows 10 Professional (optimized according to application)						
Storage							
Storage (Operating System)	480 GB	256 GB					
Storage (Content)	960 GB (up to 3,500 MB/s read)						
Storage Expansion Option Standard	1.92 TB (up to 3,500 MB/s read)						
Storage Expansion Option High-Speed							
Storage Expansion Option High-Capacity							
Video Input							
Input Expansion Option SDI							
Input Expansion Option HDMI							
Input Expansion Option DisplayPort							
Input Expansion Option SDI+HDMI							

Product	Mediaserver M2 (4U)					
Model	Mediaserver M2 Player	Mediaserver M2 Manager				
Video Outputs						
Number of Outputs	4, 8 (optional)					
Output Type	DisplayPort 1.4					
Max. Resolution (Dimension / Frame Rate)	4,096 x 2,160 @60Hz					
EDID Management	yes					
Synchronization (Framelock, Genlock)	optional					
Control Outputs (GUI)	Control Outputs (GUI)					
Control Monitor Output	optional	3x Mini DisplayPort				
Playback Performance						
BMP Image Sequence 7680x4320 60fps uncompressed	1					
BMP Image Sequence 3840x2160 60fps uncompressed	4	2				
DDS Image Sequence 3840x2160 60fps	16+	9				
HAP-Q Video 3840x2160 60fps	10	5				
Software						
Validated for	Pandoras Box, Vertex, Watchout, Pixera, Ma	drix, Resolume, Unity, Unreal Engine, Ventuz				
Media Server Software Licenses	optional optional					
Operating System	Windows 10 Professional (optimized according to application)					
Storage						
Storage (Operating System)	256 GB	256 GB				
Storage (Content)	3.2 TB (up to 6,400 MB/s read)	13.44 TB (up to 3,500 MB/s read)				
Storage Expansion Option Standard						
Storage Expansion Option High-Speed	6.4 TB (up to 6,400 MB/s read)	3.2 / 6.4 TB (up to 6,400 MB/s read)				
Storage Expansion Option High-Capacity	13.44 TB - 53.76 TB (up to 3,500 MB/s read) 26.88 TB / 53.76 TB (up to 3,500 MB/s					
Video Input						
Input Expansion Option SDI	1, 2, 4					
Input Expansion Option HDMI	2					
Input Expansion Option DisplayPort	2					
Input Expansion Option SDI+HDMI	4 / 1					

Product	Mediaserver 1U						
Model	Mediaserver 1U	Mediaserver 1U control					
Audio Interface	Audio Interface						
Analog In / Out (unbalanced)	3.5 mm TRS	3.5 mm TRS					
S/PDIF Output							
Audio Expansion Option Stereo							
Audio Expansion Option AES/EBU							
Audio Expansion Option MADI							
Audio Expansion Option DANTE							
Hardware							
Optimized for 24/7 operation	yes	yes					
Enterprise-Class Components	yes	yes					
CPU Cores / Threads / Clock	4 / 8 / 3.5 GHz	4 / 4 / 3.5 GHz					
System Memory	16 GB (32 GB optional)	8 GB					
Connections							
USB	6x USB 3.0	6x USB 3.0					
Network	2x Gigabit LAN	2x Gigabit LAN					
Remote Management Module	yes	yes					
Serial Port (COM)	2	2					
Power Supply							
Power Supply Specifications	350 W (80 Plus Gold), 100-240VAC, 50-60Hz						
Power Consumption (Real Conditions) ¹	185 W	100 W					
British Thermal Unit (BTU/h)	631.2 BTU/h	341.2 BTU/h					
Dimensions / Weight							
Dimensions (Width x Depth x Height)	444 x 330 x 44 mm (17.	.48 x 12.99 x 1.73 inch)					
Weight (ca.) ¹	4.5 kg (9.92 lbs)	3.5 kg (7.72 lbs)					
Ambient Conditions							
Ambient Temperature (operating)	0-32 °C (32-89.6 °F)	0-32 °C (32-89.6 °F)					
Warranty / Support							
Warranty Period	2 years (extended warranty for 3 / 4 / 5 years optional)						
Premium Support	included (during warranty period)						

Product	Mediaserver M2 (4U)						
Model	Mediaserver M2 Player	Mediaserver M2 Manager					
Audio Interface	Audio Interface						
Analog In / Out (unbalanced)	3.5 mm TRS	3.5 mm TRS					
S/PDIF Output	optical	optical					
Audio Expansion Option Stereo	Analog: Stereo XLR (balanced) / Digital: AES/EBU, ADAT, S/PDIF / Others: MIDI, Headphone						
Audio Expansion Option AES/EBU	Digital: 8x AES/EBU (XLR) / Others: Wordclock, MIDI						
Audio Expansion Option MADI	Digital: 1x MADI (BNC + optical) / Others: Wordclock, MIDI						
Audio Expansion Option DANTE	Digital: 1x Dante (2x RJ45, redundant)						
Hardware							
Optimized for 24/7 operation	yes	yes					
Enterprise-Class Components	yes	yes					
CPU Cores / Threads / Clock	10 / 20 / 4.3 GHz	8 / 16 / 4.5 GHz					
System Memory	32 GB ECC (64 GB / 128 GB optional)						
Connections							
USB	2x USB 3.1,	, 6x USB 3.0					
Network	2x 10 Gigabit LAN (8 Outputs: 2x 1 Gigabit LAN)						
Remote Management Module	yes	yes					
Serial Port (COM)	1	1					
Power Supply							
Power Supply Specifications	700 W redundant (80 Plus Gold), 100-240VAC, 50-60Hz						
Power Consumption (Real Conditions) ¹	400 W	300 W					
British Thermal Unit (BTU/h)	1,364.9 BTU/h	1,023.6 BTU/h					
Dimensions / Weight							
Dimensions (Width x Depth x Height)	430 x 462 x 176 mm (16.93 x 18.19 x 6.93 inch)						
Weight (approx.) ¹	17 kg (37.48 lbs)	18 kg (39.68 lbs)					
Ambient Conditions							
Ambient Temperature (operating)	0-32 °C (32-89.6 °F)	0-32 °C (32-89.6 °F)					
Warranty / Support	Warranty / Support						
Warranty Period	3 years (extended warranty for 4 / 5 years optional)						
Premium Support	included (during warranty period)						

¹ depending on additional options, peripherals, adapters etc.