

J600

J-Series Video Wall Processor



Ideal for medium to large sized installations such as surveillance rooms, presentation auditoriums, sports & entertainment venues and digital signage.

- Fully customizable 6RU chassis
- Up to 4 video walls per chassis
- Up to 56x HD or 28 4K inputs
- Up to 20x HD or 4K outputs
- Redundant CPU and PSUs
- Hot swappable I/O boards
- HDCP-compatible
- Compatible with LCD, LED, cubes and projectors display technologies
- Flexible video wall layout in geometry & resolution
- No operating system means no viruses or updates
- Open API platform for 3rd party control systems
- Warp and blend outputs across multiple projectors



J-Series processors are an I/O appliance that can be used for any small or medium sized video wall application.

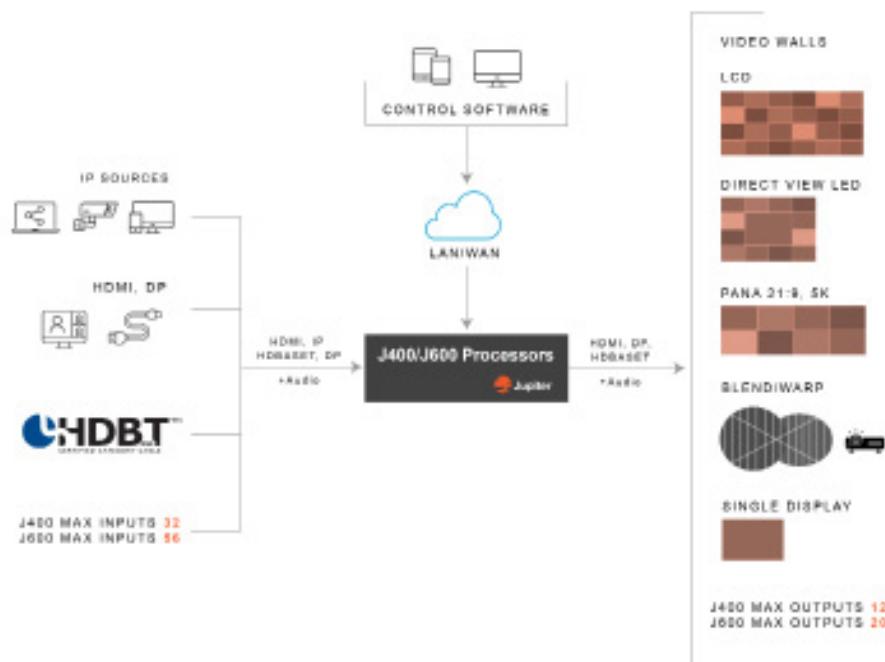


LightSpeed is the core technology that makes J-Series processors usable in any deployment.



Invest in Jupiter knowing all Jupiter processors are cross compatible and your investment is future protected.

Architecture of a J-Series Installation



SPECIFICATIONS		
Form Factor	6RU	
Power Consumption	460 W	
Max Input Slots	14	
Max Input Channels	56 (HD) or 28 (4K)	
Max Output Slots	5	
Max Output Channels	20 (HD or 4K)	
Redundant PSU	Optional	
GENERAL TECHNOLOGY		
OS	None	
Video walls per chassis	4	
Custom Resolution	Output and Input	
Color Space	RGB 4:4:4	
Bits per color	8	
Source Switching	≤ 20 ms	
Creating Window	≤ 16 ms	
Layouts	≤ 16 ms	
Operating Temperature	0°-50°C (32°-112°F)	
Operating Humidity	<90% (Non-condensing)	
CPU BOARDS		
Configuration	RJ45	
API	TCP or RS232	
INPUT BOARDS		
HDCP	1.4 & 2.2	
EDID	Custom EDID management	
HD DVI Input Board	4x channels of SL DVI-I	Up to 1920 x 1200 @ 60Hz
3GSDI HDMI Input Board	4x channels of SDI	Up to 1920 x 1080 @ 60Hz
HD HDMI Input Board	4x channels of HDMI 1.3	Up to 1920 x 1200 @ 60Hz
UHD30 HDMI Input Board	2x channels of HDMI 1.4	Up to 3840 x 2160 @ 30Hz
UHD60 HDMI Input Board	1x channel of HDMI 2.0	Up to 3840 x 2160 @ 60Hz
HDBaseT Input Board	4x channel of HDBT	Up to 1920x1200@60Hz
2 CHANNEL IP DECODING INPUT CARD (FOR EACH CHANNEL RJ45 INTERFACE)		
1 view	Decode up to 1 channel 4000x3000 @25Hz or 3840x2160 @30Hz	Single view, 4K30 output
2x2 view	Decode up to 4x channel 3840x2160 @30Hz	2x2 view, 4K30 output
3x3 view	Decode up to 9x channel 1920x1080 @30Hz	3x3 view, 4K30 output
4x4 view	Decode up to 16x channel 3840x2160 @30Hz	4x4 view, 4K30 output
OUTPUT BOARDS		
Display Technology	LCD, LED, Cube, Projectors, Custom Resolutions	
HDCP	1.2 & 2.2	
HD DVI Output Board	4x channels of SL DVI-I	Up to 1920 x 1200 @ 60Hz
3GSDI HDMI Output Board	4x channels of SDI	Up to 1920 x 1200 @ 60Hz
HD HDMI Output Board	4x channels of HDMI 1.3	Up to 1920 x 1200 @ 60Hz
UHD30 HDMI Output Board	4x channels of HDMI 1.4	Up to 3840 x 2160 @ 30Hz
UHD60 HDMI Output Board	2x channels of HDMI 2.0	Up to 3840 x 2160 @ 60Hz
HDBaseT Output Board	4x channel of HDBT	Up to 3840x2160@30Hz (Cat5/6 70m max distance)
WARP BLEND INPUT/OUTPUT BOARDS		
HD WB Input Board	4x channels of HDMI 1.3	Up to 1920 x 1200 @ 60Hz
4K WB Input Board	2x channels of HDMI 1.4	Up to 3840 x 2160 @ 30Hz
HD WB Output Board	2x channels of HDMI 1.3	Up to 1920 x 1200 @ 60Hz
4K WB Output Board	1x channel of HDMI 1.4	Up to 3840 x 2160 @ 30Hz
CERTIFICATIONS		
Regulatory Certifications	UL, CE, FCC	



jupiter.com

© 2023 Jupiter. Jupiter is a registered trademark of Jupiter Systems, Inc. Product specifications and designs are subject to change without notice. All brand and products names and logos are registered trademarks of Jupiter Systems, Inc.

DS_J600_APR2024