

J400

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 4RU chassis**
- **Up to 4 video walls per chassis**
- **Up to 12x FHD or 6 4K outputs**
- **Up to 32x FHD or 16 4K inputs**
- **Redundant CPU and PSUs**
- **Hot swappable I/O boards**
- **HDCP-compatible**
- **Flexible video wall layout in geometry & resolution**
- **No operating system means no viruses or updates**
- **Compatible with LCD, LED, cubes and projectors display technologies**
- **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.

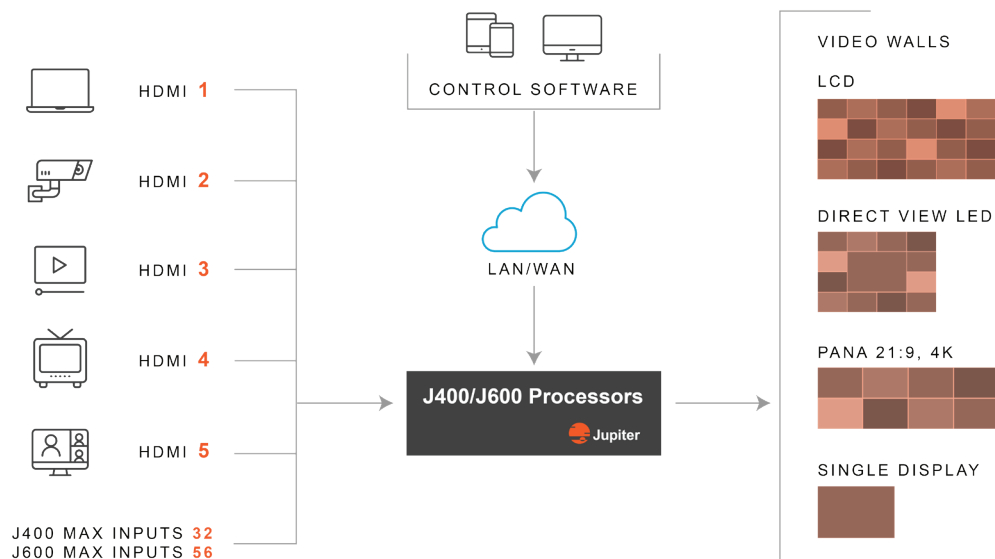


LightSpeed is the core technology that makes J-Series processors usable in any deployment.



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

Architecture of a J-Series Installation



J400 Specifications

SPECIFICATIONS		
Form Factor	4RU	
Power Consumption	460 W	
Max Input Slots	8	
Max Input Channels	32 (HD) or 16 (4K)	
Max Output Slots	3	
Max Output Channels	12 (HD or 4K)	
Redundant PSU	Optional	
SPECIFICATIONS		
OS	None	
Video walls per chasis	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 1920x1200x60Hz
3GSDI HDMI Input Board	4x channels of SDI	Up to 1920x1080x60Hz
HD HDMI Input Board	4x channels of HDMI 1.3	Up to 1920x1200x60Hz
UHD30 HDMI Input Board	2x channels of HDMI 1.4	Up to 3840x2160x30Hz
UHD60 HDMI Input Board	1x channel of HDMI 2.0	Up to 3840x2160x60Hz
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 1920x1200x60Hz
3GSDI HDMI Output Board	4x channels of SDI	Up to 1920x1200x60Hz
HD HDMI Output Board	4x channels of HDMI 1.3	Up to 1920x1200x60Hz
UHD30 HDMI Output Board	2x channels of HDMI 1.4	Up to 3840x2160x30Hz
UHD60 HDMI Output Board	2x channels of HDMI 2.0	Up to 3840x2160x60Hz
WARP BLEND OUTPUT BOARDS		
HD WB Input Board	4x channels of HDMI 1.3	Up to 1920x1200x60Hz
4K WB Input Board	2x channels of HDMI 1.4	Up to 3840x2160x30Hz
HD WB Output Board	4x channels of HDMI 1.3	Up to 1920x1200x60Hz
4K WB Output Board	1x channel of HDMI 1.4	Up to 3840x2160x30Hz



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