J100 Series
J-Series Video Wall Processors

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

- **3 Models, up to 8 inputs & 8 outputs**
- **Unlimited number of layouts**
- **Simple setup, any type of source can connect**
- **Up to 8 windows per display**
- **Up to 16 windows per system**
- **Compatible with LCD, LED, cubes and projectors display technologies**
- **HDCP-compatible**
- **Flexible video wall layout in geometry & resolution**
- **No operating system means no viruses or updates**
- **Quiet and compact**

J-Series processors are an I/O appliance that can be used for any small or medium sized video wall application.
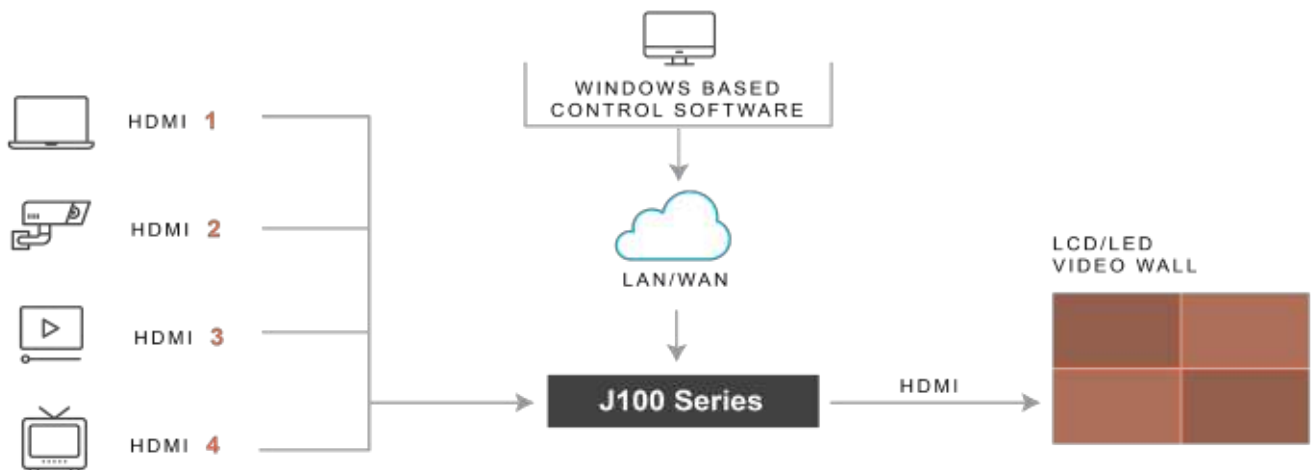
LightSpeed is the core technology that makes J-Series processors usable in any deployment.

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

Architecture of a J100 Series Installation

J100 Series Specifications

J188

INPUTS	J144	J148	J188
Max FHD Inputs	4	4	8
Interface	HDMI		
Max Input Resolution	1920 x 1200 @ 60Hz		
OUTPUTS			
Max FHD Outputs	4	8	8
Interface	HDMI		
Max Output Resolution	1920 x 1200 @ 60Hz		
HARDWARE			
Form Factor	1 RU		
Digital Sampling	24bit, 8 bits per color		
Color Space	8bit processing, 4:4:4		
Boot up time	≤ 20s		
Operating Temperature	0° to +40° C		
Storage Temperature	minus 10° to 70° C		
Operating Humidity	10% to 85%, Non-condensing		
Storage Humidity	10% to 90%, Non-condensing		
MTBF	100,000 hrs		
Power Consumption	550W		
SOFTWARE			
OS	None - Hardware		
Control Software	Windows Application		
Max Windows per display	8		
Max Windows per Video Wall	16		
Picture-in-Picture	Yes		
HDCP	Yes		
Source Switching	≤ 20ms		
Window Creating	≤ 16ms		
Layouts	≤ 16ms		
API	UDP or RS233		
CERTIFICATIONS			
Regulatory Certifications	UL, EMC Class A: FCC, CE, KC, RCM		

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