

J4

J-Series Video Wall Processor



Small and powerful video wall processor, the J4 can be combined with 4K outputs from any Jupiter processor to create a large video wall with up to 64 FHD displays. The integrated display-looping feature easily expands any 4K signal into a 2x2, 1x3, 3x1, 1x2 or 2x1 video wall. This key functionality helps expand the number of FHD outputs on a processor and saves on the project cost without sacrificing features.

The J4 comes in a variety of inputs and form factors and the appliance can be used as an independent video wall for signage or can be placed near the video wall to breakout a single 4K input into multiple FHD outputs.

- **Compatible with J-Series, Catalyst and PixelNet**
- **Pre-configured for a 2x2 and 1x3**
- **Crop, scale and rotate independent displays**
- **On-device buttons for easy configuration**
- **Rack mount kit**
- **Bezel Management**



Easy setup and configuration using on-device buttons

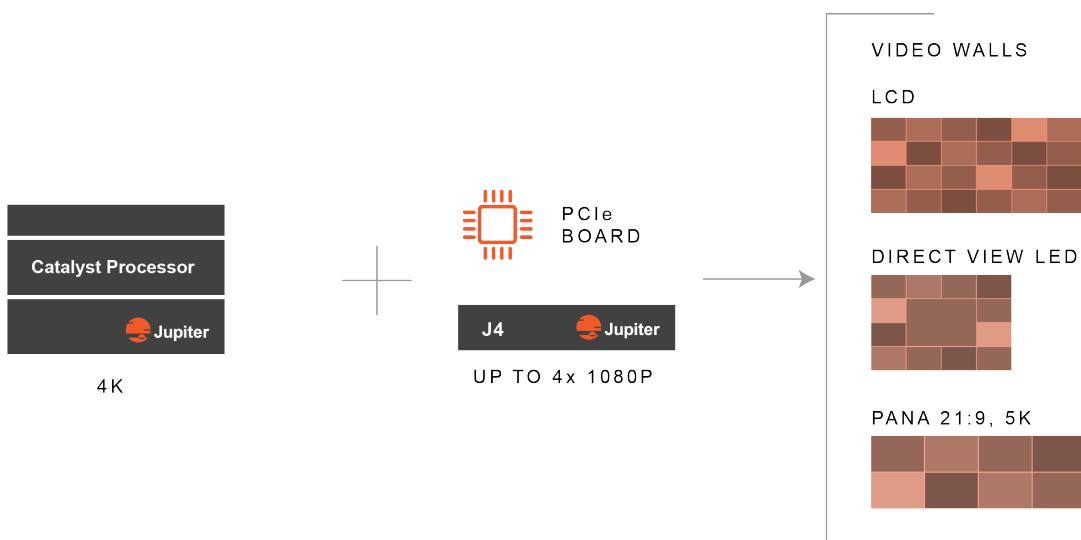


Pair with a Jupiter processor to expand the number outputs

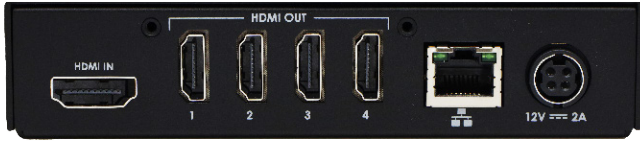


Appliance or PCIe form factory for multiple deployment options

Architecture of a J4 Installation



J4 Specifications



	J4DP	J4DPe	J4HDMI	J4HDMIe
HARDWARE				
I/O	1 input / 4 outputs	1 input / 4 outputs	1 input / 4 outputs	1 input / 4 outputs
Form Factor	Custom Appliance	PCIe® x16 mechanical	Custom Appliance	PCIe® x16 mechanical
Max Input Resolutions	3840 x 2160 @ 60Hz, 7680 x 1080 @ 60Hz, 7680 x 1080 @ 30Hz, 1920 x 4320 @ 60Hz, 1920 x 4320 @ 30H	3840 x 2160 @ 60Hz, 7680 x 1080 @ 60Hz, 7680 x 1080 @ 30Hz, 1920 x 4320 @ 60Hz, 1920 x 4320 @ 30Hz	3840 x 2160 @ 60Hz, 7680 x 1080 @ 60Hz, 7680 x 1080 @ 30Hz, 1920 x 4320 @ 60Hz, 1920 x 4320 @ 30Hz	3840 x 2160 @ 60Hz, 7680 x 1080 @ 60Hz, 7680 x 1080 @ 30Hz, 1920 x 4320 @ 60Hz, 1920 x 4320 @ 30Hz
Input Color Space	RGB 8:8:8 (24bit/pixel), YUV 4:4:4, 4:2:2 (8bits/component)	RGB 8:8:8 (24bit/pixel), YUV 4:4:4, 4:2:2 (8bits/component)	RGB 8:8:8 (24bit/pixel), YUV 4:4:4, 4:2:2 (8bits/component)	RGB 8:8:8 (24bit/pixel), YUV 4:4:4, 4:2:2 (8bits/component)
Input Connector	1x DisplayPort 1.2	1x Mini DisplayPort 1.2	1x HDMI	1x Mini HDMI
Output Connector	4x HDMI	4x Mini HDMI	4x HDMI	4x Mini HDMI
Max Output Resolutions	Up to 1920 x 1080 @ 60Hz, 1920 x 1200 @ 60Hz	Up to 1920 x 1080 @ 60Hz, 1920 x 1200 @ 60Hz	Up to 1920 x 1080 @ 60Hz, 1920 x 1200 @ 60Hz	Up to 1920 x 1080 @ 60Hz, 1920 x 1200 @ 60Hz
Output Color Space	RGB 8:8:8 (24bit/pixel)	RGB 8:8:8 (24bit/pixel)	RGB 8:8:8 (24bit/pixel)	RGB 8:8:8 (24bit/pixel)
Dimensions	0.85 x 5.00 x 6.21 in (2.16 x 12.70 x 15.77 cm)	0.85 x 5.00 x 6.21 in (2.16 x 12.70 x 15.77 cm)	0.85 x 5.00 x 6.21 in (2.16 x 12.70 x 15.77 cm)	0.85 x 5.00 x 6.21 in (2.16 x 12.70 x 15.77 cm)
Weight	494 g	170 g	494 g	170 g
Power Supply	100-240 VAC in, 12 VDC out, 42 W DIN4 locking power connector	None (power from the system)	100-240 VAC in, 12 VDC out, 42 W DIN4 locking power connector	None (power from the system)
CONFIGURATIONS				
Supported Configurations	2x2 (default), 4x1, 3x1, 2x1, 1x2, 1x3, 1x4	2x2 (default), 4x1, 3x1, 2x1, 1x2, 1x3, 1x4	2x2 (default), 4x1, 3x1, 2x1, 1x2, 1x3, 1x4	2x2 (default), 4x1, 3x1, 2x1, 1x2, 1x3, 1x4
Non-rectangular/artistic videc	Yes	Yes	Yes	Yes
Rotation	Yes. Support for 90, 180, 270 degrees	Yes. Support for 90, 180, 270 degrees	Yes. Support for 90, 180, 270 degrees	Yes. Support for 90, 180, 270 degrees
Multi-unit support	Yes	Yes	Yes	Yes
Bezel management	Yes	Yes	Yes	Yes
Clone mode	Yes	Yes	Yes	Yes
HDCP support	Yes	Yes	Yes	Yes
NETWORKING				
Connector	RJ45	RJ45	RJ45	RJ45
IP Version	IPv4	IPv4	IPv4	IPv4
IP Addressing	DHCP (Default) and Static IP	DHCP (Default) and Static IP	DHCP (Default) and Static IP	DHCP (Default) and Static IP
SOFTWARE				
J4 Configuration	Free software available online	Free software available online	Free software available online	Free software available online
ACCESSORIES				
Rackmount Kit	3 J4 units horizontally or 10 vertically in 1RU	3 J4 units horizontally or 10 vertically in 1RU	3 J4 units horizontally or 10 vertically in 1RU	3 J4 units horizontally or 10 vertically in 1RU
CERTIFICATIONS				
Regulatory Certifications	UL, EMC Class A: FCC, CE, KC, RCM	UL, EMC Class A: FCC, CE, KC, RCM	UL, EMC Class A: FCC, CE, KC, RCM	UL, EMC Class A: FCC, CE, KC, RCM



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