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 expands 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**

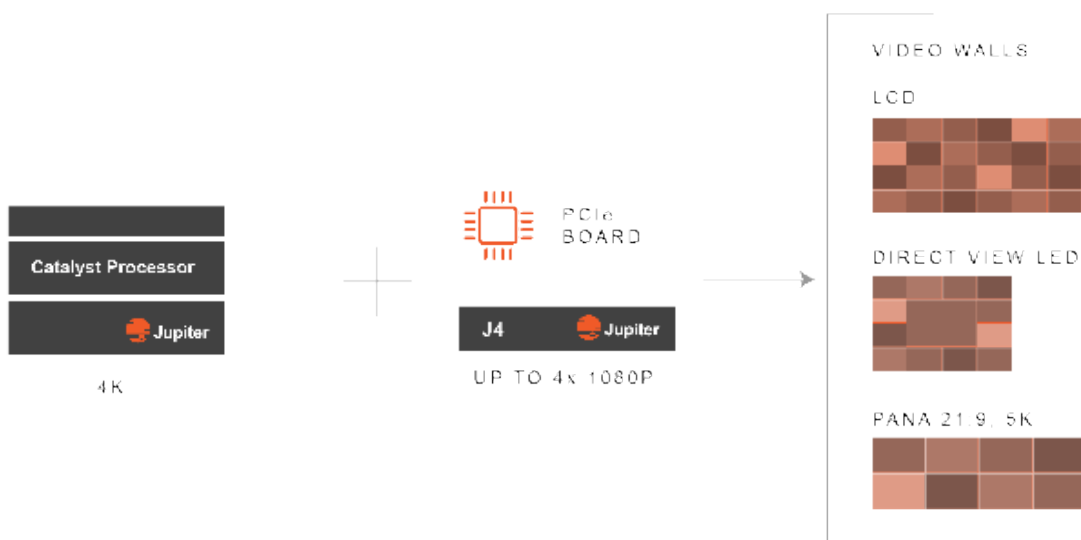Easy setup and configuration using on-device buttons

Pair with a Jupiter processor to expand the number outputs

Appliance or PCIe form factory for multiple deployment options

Architecture of a J4 Installation

Catalyst Processor

Jupiter

4K

PCIe BOARD

J4   Jupiter

UP TO 4x 1080P

VIDEO WALLS

LCD

DIRECT VIEW LED

PANA 21:9, 5K

J4 Specifications

HARDWARE	
I/O	1 input / 4 outputs
Form Factor	Custom Appliance
Input Connector	1x DisplayPort 1.2
Max Input Resolutions	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)
Output Connector	4x HDMI
Max Output Resolutions	Up to 1920 x 1080 @ 60Hz, 1920 x 1200 @ 60Hz
Output Color Space	RGB 8:8:8 (24bit/pixel)
Dimensions	5.5" x 1.25" x 7.13" in (13.97cm x 3.18cm x 18.11cm)
Input Color Space	RGB 8:8:8 (24bit/pixel), YUV 4:4:4, 4:2:2 (8bits/component)
Weight	1lb / (494 g)
Power Supply	1x 12 V, 3.5 A, 42 W external power supply with DIN 4 connector, 6' cables for US, EU, UK, Aus
Warranty	3 Years
CONFIGURATIONS	
Supported Configurations	2x2 (default), 4x1, 3x1, 2x1, 1x2, 1x3, 1x4
Non-rectangular/artistic video walls support	Yes
Rotation	Yes. Support for 90, 180, 270 degrees
Multi-unit support	Yes
Bezel management	Yes
Clone mode	Yes
HDCP support	Yes
NETWORKING	
Connector	RJ45
IP Version	IPv4
IP Addressing	DHCP (Default) and Static IP
SOFTWARE	
J4 Configuration	Free software available online
ACCESSORIES	
Rackmount Kit	3 J4 units horizontally or 10 vertically in 1RU
CERTIFICATIONS	
Regulatory Certifications	UL, EMC Class A: FCC, CE, KC, RCM

Jupiter