

SPARK 2.0

Catalyst Video Wall Processor



The Catalyst Spark 2.0 enables teams in huddle rooms to collaborate with remote colleagues running Canvas on almost any device, sharing live video, real-time data, application screens, web windows, documents, and presentations. The Spark 2.0 is ideal for small video walls and conference rooms.

- **Perfect for small video walls or conference rooms**
- **Standalone or Canvas Enabled**
- **Compatible with Pana 21:9, 5K displays**
- **Compatible with LCD, LED, cubes and projectors display technologies**
- **Flexible video wall, in geometry & dimension**
- **Open API platform for 3rd party control systems**
- **Local system inputs, VNC sources support, IP streams.**



Designed for small video wall solutions

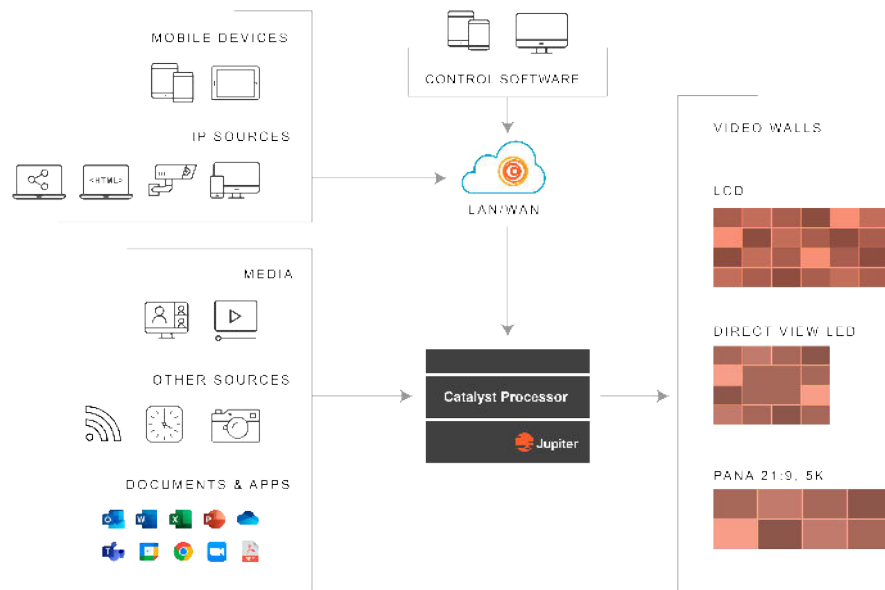
21:9

Pana 21:9 5K certified



IP, VNC, Local system inputs

Architecture of a Spark 2.0 Installation



Spark 2.0 Specifications

HARDWARE	
CPU	Intel® Arrow Lake-S Core™ Ultra 7
RAM	2 x 16 GB DDR5 SODIMM, 5600 MHz
Hard Drive (SSD)	M.2 256GB 2280 M key slots (NVMe/SATA)
USB	6x USB 3.2 (2 Gen 2 A-type, 3 Gen 1 A-type, and 1 Gen 1 C-type) 2x USB 2.0, A-type (Provided for keyboard and mouse)
Audio	3.5mm stereo (AC'97 and HD audio) • Out: digital audio output • In: microphone in
Network	2 RJ45, one 2.5G, one 1G
Weight	7 lbs (3.2 kg)
Form Factor	4.75-liter compact chassis
Humidity	10%-90%, non-condensing
Power Supply	180W power supply 100–240 VAC auto ranging in 50-60Hz, 19.5VDC out
Storage Temperature	-10°C - 70°C
Operating Temperature	0°C - 50°C
Dimensions	3.8 x 7.9 X 9.8 inches (95 x 200 x 250 mm)
SOFTWARE	
OS	Windows 11 IoT LTSC 2024 ESD OEI High End EPKEA (Enterprise)
Management Software	Canvas
Encryption	SSL/TLS
Client Software	Canvas Desktop & Web
Application Support	Yes
API	TCP/RS232
Picture Viewer	Yes
Scrolling Text	Yes
Clock	Yes, multiple time zones
OUTPUTS	
Interface	4 x MDP 1.4 with latching mechanism
Max Output Resolution	5120 x 2160 @60Hz
Max 4K Outputs	4x at 4K 3840 x 2160 at 60 Hz Note: With Jupiter's J4DP these four 4K outputs can run a 16 FHD display wall.
Max 5K Outputs	3x at 5K 5120 x 2160 at 60 Hz
Max Windows per display	32
INPUTS	
Local system sources	Via host/internal hard drive or USB: Web pages, media player, documents and apps
Software Decoding (per system)	12x 1920 x 1080 @ 30Hz
Protocols	RTSP, RTP
IP INPUTS	
ScreenShare (Desktop Sharing)	2
VNC	12
Web	12
CERTIFICATIONS	
Regulatory Certifications	Safety: cTUVus, CE, RCM (C-Tick), UKCA EMI: FCC, CE, AS/NZS, VCCI CEC, WEEE

* Windows 11 to be shipped with new hardware order, for previous/current deployments, upgrades to Windows 11 please contact Jupiter support for compatibility/procedure.

All specifications subject to change without notice.



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