

# SPARK 1

## Catalyst Video Wall Processor



Spark1 is a robust 1-liter small wall controller with Canvas for up to three displays, powered by Intel 10th Gen Processors. Engineered for the next level of multitasking ability, the Spark 1 combines Intel 10th Gen LGA1200 Comet Lake 65W CPU. Graphic support for UHD graphics, Spark 1 supports up to three monitors in 1080p or one 4K resolution outputs. It also has rich I/O including 8 x USB 3.2 and 2 x serial ports to connect to customer-desired peripherals. Spark 1 slim chassis, comes with 16GB of DDR4 memory. The Spark 1 is a perfect choice for a wide range of applications where the controller location needs to be near the display.

- Perfect for pairing with Canvas
- Up to 4x 1080p sources (VNC, IP Streams, Web)
- Ideal for rooms that require controller close



## SPARK 1 Specifications

HARDWARE	
Form Factor	1-RU, 1/2 width chassis
Processor	i9 65W
Chipset	Intel H470 Express
Memory	16GB DDR4
Video Output	1x HDMI 2.0, 2x DisplayPort, Embedded CPU
Audio	ALC662 High-Definition Audio
Ethernet	Dual LAN 10 Mb/s, 100 Mb/s, 1Gb/s operation
Storage Interface	SATA 6.0 Gb/s
Front Panel	(2) USB 3.2 Gen1 ports (includes 1x USB-C) (2) USB 3.2 Gen2 ports (1) Audio-Out (1) Power-On button (1) Power LED (1) HDD LED
Back Panel	(2) RJ45 Gigabit LAN port w/LED (1) HDMI Port (2) DisplayPort (2) USB 3.2 Gen1 ports (2) USB 3.2 Gen2 ports (1) RS232 (1) RS232/RS422/RS485 (1) DC-in (1) Kensington lock
Drive Bays	(1) 2.5" HDD / SSD bay
Dimensions	190mm (L) x 165mm (W) x 43mm (H)
Power	90W Power Adapter Input:100- 240V AC 19V 4.74A DC
Accessories	VESA mount VESA Screw pack Power cord 90W adapter
OS Support	Windows 11 LTSC 64 bit OS
Communication	RS232 port
Operating Temperature	0°C - 50°C