

# SPARK 1.0

## Catalyst Video Wall Processor



Spark1.0 is a robust 1-liter small wall controller with Canvas for a single 4K display, powered by Intel 10th Gen Processors. Engineered for the next level of multitasking ability, the Spark 1.0 combines Intel 10th Gen LGA1200 Comet Lake 65W CPU. Graphic support for UHD graphics, Spark 1.0 supports 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 1.0 slim chassis, comes with 16GB of DDR4 memory. The park 1.0 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 1.0 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 or 1x 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