

## [Product Specifications](#)

### Display

<b>Panel Technology</b>	S-IPS	<b>Viewable Image Size</b>	86 "	
<b>Aspect Ratio</b>	16:9	<b>Native Resolution</b>	x	
<b>Supported Resolutions</b>	<p>DisplayPort: V1.2 (HDCP 1.3) VGA60, SVGA60, XGA60, WXGA60, SXGA60, UXGA60, WUXGA60, 1920 x 1080 (60Hz), 1080p, 1080i, 720p@50Hz/60Hz, 576p@50Hz, 480p@60Hz, 3840 x 2160 (24Hz/30Hz/25Hz/60Hz (DisplayPort 1.2))</p> <p>HDMI: (HDCP 1.4/2.2) VGA60, SVGA60, XGA60, WXGA60, SXGA60, UXGA60, WUXGA60, 1920 x 1080 (60Hz), 1080p, 1080i, 720p@50Hz/60Hz, 576p@50Hz, 480p@60Hz, 576i@50Hz, 480i@60Hz, 3840 x 2160 (24Hz/30Hz/25Hz/60Hz (MODE2)), 4096 x 2160 (30Hz, 24Hz, 25Hz, 60Hz (MODE2))</p>		<b>Pixel Pitch</b>	0.49 mm
<b>Pixels Per Inch</b>	51 PPI	<b>Brightness (maximum)</b>	350 cd/m <sup>2</sup>	
<b>Contrast Ratio (typical)</b>	1200:1 (without local dimming)	<b>Viewing Angle (typical)</b>	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	

<b>Response Time (typical)</b>	8 ms	<b>Refresh Rate</b>	60Hz
<b>Active Screen Area</b>	74.61 x 41.97 in. / 1895.04 x 1065.96mm	<b>Orientation</b>	Landscape/Portrait
<b>Dimming Capability</b>	Local Dimming Capable	<b>Displayable Colors</b>	More than 1.07 billion

## Synchronization Range

<b>Horizontal (Analog/Digital)</b>	26kHz - 135.0kHz
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## Signal Compatibility/Connectivity

<b>PC Signal Compatibility</b>	Yes	<b>Macintosh Signal Compatibility</b>	Yes
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### Input Terminals

Digital:  
HDMI 2.0 (3), DisplayPort 1.2 (2)  
Audio:  
Audio Mini-Jack, DisplayPort Audio, HDMI Audio  
External Control:  
RS-232C, LAN, IR Remote  
Data:  
microSD (Media Player), USB 2.0 (Media Player, USB (Service), USB Type-B (Upstream), USB x 2 (Both for Compute Module, 1 x 5V/2A Powered)

### Output Terminals

Digital:  
DisplayPort (Outputs DisplayPort1)  
Audio:  
Audio Mini-Jack, External Speaker Out (2), DisplayPort Audio  
External Control:  
LAN

## Power Consumption (typical)

<b>On</b>	230W	<b>ECO Mode Standby</b>	0.5W
<b>Network Standby</b>	2W	<b>Power Consumption (max)</b>	425W (300W Brightness Max)
<b>Input Current</b>	5.0A @ 100V 2.1A @ 240V		

## Physical Specifications

<b>Bezel Width (Left/Right, Top/Bottom)</b>	0.60in. / 0.60in. ;	<b>Dimensions (WxHxD)</b>
	0.60in. / 0.60in. ;	
	15.3mm/15.3mm,	With stand:
	15.3mm/15.3mm	1928.2 x 1136.4 x 606.0mm / 75.91 x 44.74 x 23.9 in.
		Without stand:
		75.91 x 43.28 x 2.93 in. / 1928.2 x 1099.2 x 74.3 mm
		Shipping:
		2157.0 x 1290.0 x 320.0mm / 84.92 x 50.79 x 12.60 in.

<b>Weight</b>	<b>VESA Hole Configuration</b>	400 x 400mm (M8 x 16mm)
Net Weight (with stand):		600 x 400mm (M8 x 16mm)
137.6 lbs. / 62.41kg		
Net Weight (without stand):		
127.4 lbs. / 57.79 kg.		
Shipping:		
161.8 lbs. / 73.4kg		

## Environmental Conditions

<b>Operating Temperature</b>	32-104°F / 0-40°C	<b>Operating Humidity</b>	20-80%
<b>Operating Altitude</b>	9843 ft. / 3000m	<b>Storage Temperature</b>	-4-140°F / -20-60°C
<b>Storage Humidity</b>	10-90%	<b>Storage Altitude</b>	40,000 ft. / 12,192m

## Limited Warranty (parts & labor)

3 Years Advanced Replacement

## Additional Features

- Raspberry Pi Compute Module Compatible
- SpectraView Engine Color Control (Including Uniformity Adjustment)
- Integrated OPS Option Slot (filled with SB-11TM)
- Localized Dimming
- On-Screen Key Guide
- Ethernet Control and Communication
- USB Upstream/Downstream
- RS-232 Control and Communication
- CEC Communication
- HDCP 1.4 and 2.2 support through HDMI
- HDCP 1.3 support through DisplayPort
- Firmware via USB/Network
- Landscape/Portrait Capable
- Image Flip
- TileMatrix (10 x 10)
- Carbon footprint meter
- 24/7 Scheduler with Real Time Clock
- Holiday Settings
- Screen saver function
- Multi-Picture Mode
- 28% haze panel
- Ambient light sensor
- Screen Saver Function
- Optional Human Sensor
- Intelligent Wireless Data (Near Field Communications)
- Metal rear cabinet
- Carrying Handles
- Variable picture modes
- Advanced video settings (Noise Reduction, Adaptive Contrast)
- Input labeling
- Backlight adjust
- Aspect ratio control
- Built-in 10W x 2 speakers
- Powered USB
- LED edge-lit backlighting
- NaViSet Administrator Compatible
- Auto ID/IP Address Control
- Crestron RoomView Support
- AMX Beacon
- PJLink Support
- HDMI and DisplayPort Cable Included

## Accessories

**Optional**

- Table Top Stand (ST-801)
- External Speakers (SP-TF1)
- Standard Wall Mount (WMK-3257)
- Thin Wall Mount (WMK-3255S)
- Large Wall Mount (WMK-6598)
- Human Sensor Accessory (KT-RC2)
- Compute Module Interface Board (DS1-IF10CE)
- NEC Raspberry Pi Compute Module (RPI3CM16GB)
- IR Touch Overlay (OLR-861)

**Cooling Method**

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Integrated Temperature Sensors and Cooling Fans