

## Display

<b>Panel Technology</b>	S-IPS	<b>Viewable Image Size</b>	55 "
<b>Aspect Ratio</b>	16:9	<b>Native Resolution</b>	1920x1080
<b>Pixel Pitch</b>	0.5 mm	<b>Pixels Per Inch</b>	45 @ native resolution
<b>Backlight Type</b>	LED Direct-lit	<b>Brightness (maximum)</b>	700 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 (Gray to Gray)</b>	8 ms	<b>Refresh Rate</b>	60Hz
<b>Active Screen Area</b>	47.62 x 26.79 in. / 1209.6 x 680.4mm	<b>Orientation</b>	Landscape/Portrait
<b>Displayable Colors</b>	More than 1.07 billion		

## Synchronization Range

<b>Horizontal (Analog/Digital)</b>	Analog: 15.625/15.734/~31.5~91.1 kHz, Digital: ~25.0 - ~91.1- ~134.0KHz		
------------------------------------	--	--	--

## Input Signal

<b>Video</b>	Analog RGB 0.7 Vp-p/75 Ohms , Digital TMDS / DisplayPort	<b>Sync</b>	Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3Vp-p negative 0.7Vp-p positive)
--------------	--	-------------	---

## Calibration

<b>Factory Calibration</b>	Yes	<b>Sensor Calibration (through USB)</b>	Yes, External
<b>Calibration with Software</b>	NEC Display Wall Calibrator (KT-LFD-CC2)	<b>Calibration Software</b>	NEC Display Wall Calibrator (KT-LFD-CC2)

## Signal Compatibility/Connectivity

<b>PC Signal Compatibility</b>	Yes	<b>Macintosh Signal Compatibility</b>	Yes
--------------------------------	-----	---------------------------------------	-----

<b>Video</b>	Analog RGB 0.7 Vp-p/75 Ohms , Digital TMDS / DisplayPort	<b>Sync</b>	Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3Vp-p negative 0.7Vp-p positive)
--------------	--	-------------	---

<b>Input Terminals</b> Analog: VGA 15-pin D-sub Digital: DisplayPort 1.1/1.2 x2, HDMI 1.4/2.0 x2, DVI-D Audio: Audio Mini-Jack x2, DisplayPort Audio, HDMI Audio External Control: RS-232C, LAN (100Mb), 3.5mm Mini-Jack (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)	<b>Output Terminals</b> Digital: DisplayPort (Output DisplayPort1 and OPTION (DP)), HDMI (Outputs HDMI1, DVI and OPTION (TMDS)) Audio: 3.5mm Mini-Jack, External Speaker Jack (2) External Control: LAN (100Mb)
--	---

## Power Consumption (typical)

<b>On</b>	150W	<b>ECO Mode Standby</b>	<0.5W
<b>Power Consumption (max)</b>	225W (Brightness Max), 380W (All Functions Maxed)	<b>Input Current</b>	4.2A @ 100V, 1.7A @ 240V

## Physical Specifications

<b>Bezel Width (Left/Right, Top/Bottom)</b>	0.09 in./0.05 in., 0.09 in./0.05 in. : 2.3 mm/1.2 mm, 2.3 mm/1.2 mm	<b>Dimensions (WxHxD)</b>	Without stand: 47.8 x 27 x 4.1 in. / 1213.4 x 684.2 x 103.8 mm Shipping: 56.5 x 34.4 x 12.5 in. / 1436.0 x 873.0 x 317.0mm
<b>Weight</b> Net Weight (with stand): 61.9 lbs. / 28.1kg Net Weight (without stand): 61.9 lbs. / 28.1 kg. Shipping: 83.8lbs. / 38.0kg		<b>VESA Hole Configuration</b>	400 x 400mm (4-hole, M6)

## Environmental Conditions

<b>Operating Temperature</b>	41-104°F / 5-40°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