

Display

Panel Technology	S-IPS (P-DID)	Viewable Image Size	55 "
Aspect Ratio	16:9	Native Resolution	1920x1080
Supported Resolutions	640 x 480, 800 x 600, 1024 x 768, 1280 x 720, 1280 x 800, 1280 x 960, 1280 x 1024, 1360 x 768, 1366 x 768, 1400 x 1050, 1440 x 900, 1600 x 1200, 1680 x 1050, 1920 x 1080, 1920 x 1200, 1920 x 2160, 3840 x 2160, 4096 x 2160	Pixel Pitch	0.63 mm
Pixels Per Inch	40 @ native resolution	Backlight Type	LED Edge-lit
Brightness (typical)	500 cd/m ²	Brightness (maximum)	700 cd/m ²
Contrast Ratio (typical)	1200:1	Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Response Time (Gray to Gray)	8 ms	Refresh Rate	60Hz
Active Screen Area	47.6 x 26.8 in. / 1209.6 x 680.4mm	Orientation	Landscape/Portrait/Face Up/Face Down
Displayable Colors	More than 1.08 billion (10-bit)		

Synchronization Range

Horizontal (Analog/Digital)	Analog: 15.625/15.734/26.97./28.125/31.5- 91.1 kHz Digital: 15.0 - 91.1 KHz
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Input Signal

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

PC Signal Compatibility	Yes	Macintosh Signal Compatibility	Yes
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Input Terminals

Analog:
VGA 15-pin D-sub
Digital:
DisplayPort (1.2 with HDCP), HDMI (2.0 x 2 with HDCP), DVI-D (with HDCP)
Audio:
3.5mm Mini-Jack x2, DisplayPort Audio, HDMI Audio x2
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)

Output Terminals

Digital:
DisplayPort
Audio:
3.5mm Mini-Jack, External Speaker Jack (2)
External Control:
LAN (100Mb)

Power Consumption (typical)

On	125W	ECO Mode Standby	<0.5W
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Physical Specifications

Bezel Width (Left/Right, Top/Bottom)	0.6 in./0.6 in., 0.6 in./0.6 in. : 14.2 mm/14.2 mm, 14.2 mm/14.2 mm	Dimensions (WxHxD)	With stand: 49.0 x 29.3-30.1 x 10.5 in. / 1244.0 x 744.8-764.8 x 267.7mm Without stand: 49 x 28.1 x 2.5 in. / 1244 x 714.8 x 62.9 mm Shipping: 56.3 x 36.2 x 9.8 in. / 1430.0 x 920.0 x 250.0mm
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Weight Net Weight (without stand): 54.2 lbs. / 26.6 kg. Shipping: 72.8 lbs. / 33.0 kg	VESA Hole Configuration	300 x 300mm (M6 x 4-hole)
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Environmental Conditions

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