

Display

Panel Technology	SPVA (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)	440 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 1.07 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	No
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Input Terminals	Output Terminals
Analog: VGA 15-pin D-sub	Digital: DisplayPort (loops through DisplayPort or OPS PC)
Digital: DisplayPort (1.2 with HDCP), HDMI (2.0 x 2 with HDCP), DVI-D (with HDCP)	Audio: 3.5mm Mini-Jack, External Speaker Jack (2)
Audio: 3.5mm Mini-Jack x2, DisplayPort Audio, HDMI Audio x2	External Control: LAN (100Mb)
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)	

Power Consumption (typical)

On	110W	ECO Mode Standby	<0.5W
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Physical Specifications

Bezel Width (Left/Right, Top/Bottom)	1.3 in./1.3 in., 1.3 in./1.3 in. : 33.4 mm/33.4 mm, 33.4 mm/33.4 mm	Dimensions (WxHxD)	With stand: 50.3 x 30.8 x 10.5 in. / 1278.6 x 782.1 x 267.7mm Without stand: 50.3 x 29.5 x 3.4 in. / 1278.6 x 749.4 x 85.9 mm Shipping: 58.1 x 38.3 x 11.1 in. / 1475.0 x 972.0 x 281.0mm
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Weight	VESA Hole Configuration	300 x 300mm (M6 x 4-hole)
Net Weight (without stand): 86 lbs. / 39 kg.		
Shipping: 110.0lbs. / 49.9kg		

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

Limited Warranty (parts & labor)

3 years