

Technical Specifications

HP Engage 14 FH Monitor
HP Engage 14t FHD Monitor



Front

Technical Specifications

Models: 42C50AA; 42C90AA

Panel Specifications	Display Size (Diagonal)	14 inches
	Panel Technology	VA
	Max Refresh Rate	60 Hz
	Native Resolution	1920 x 1080
	Panel Bit Depth	8 bit
	Aspect Ratio	16:9
	Brightness (Typical)	400 nits
	Contrast Ratio (Static)	800:1
	Pixel Pitch	0.161
	Pixels Per Inch (PPI)	157 PPI
	Backlight Lamp Life Minimum (To Half Brightness - In Hours)	50,000
	Backlight Type	Edge-lit
	Screen Treatment	Anti-glare
	Hardness	3H
	Response Time (Typical)	25ms on/off
	Horizontal Viewing Angle (Typical CR>10)	178°
	Vertical Viewing Angle (Typical CR>10)	178°
	Panel Active Area Metric (W x H)	30.93 x 17.40
	Panel Active Area Imperial (W x H)	12.17 x 6.85
	NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.	
Color Gamut Coverage	NTSC	72%
Color Management	Color Space/ Subsampling Support	RGB 4:4:4
	RGB Channel Adjust	Yes, Gain
	Default Color Temperature	Neutral (6500K)
Monitor Specifications	Bezel Type	4-sided Micro Edge
	Color Of Stand	Black
	Color Of Head	Black
	Tilt	from -25 to -90°
	VESA Mounting	100 mm x 100 mm (bracket included)
	Detachable Stand	Yes
	Security Lock Ready	Standard Security Lock Slot
	Detachable Stand	Yes
	LOW BLUE LIGHT	Yes, EyeSafe (TÜV certified)
Multimedia	Touch Technology	Projected Capacitive technology
	Webcam	5M resolution (2592 x 1944)
	Microphone	Yes
	Speaker Output Power	2 x 1.5W
	Display Software	HP Display Center

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On Screen Display (OSD)	Native Resolution	Full HD (1920 x 1080)* <i>*Apply to high resolution and/or high frame rate displays only. CONFIRM WITH EPM whether disclaimer applies.</i>
	Maximum Resolution	1920x1080@60Hz
	Preset Graphic Modes/Supported Resolutions	640 x 480 @ 60Hz
		720 x 400 @ 70Hz
		800 x 600 @ 60 Hz
		1024 x 768 @ 60 Hz
		1280 x 720 @ 60 Hz
		1280 x 800 @ 60Hz
		1280 x 1024 @ 60 Hz
		1366 x 768 @ 60 Hz
		1440 x 900 @ 60 Hz
		1600 x 900 @ 60 Hz
		1600 x 1200 @ 60 Hz
		1680 x 1050 @ 60 Hz
		1920 x 1080 @ 60 Hz
	Minimum Vertical Scan Rate	50 Hz
	Maximum Vertical Scan Rate	76 Hz
	Minimum Horizontal Scan Rate	30.0 kHz
	Maximum Horizontal Scan Rate	80.0 kHz
	Maximum Pixel Clock	170.0 MHz
	User-Assignable Function Buttons	Yes, 3 (7 options)
	Audio	Built-in speakers
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	HDCP	Yes, Type-C Alt mode DP
	USB-C® Video Input	1 USB-C® (DisplayPort™ 1.2, power delivery input 27W)
Special Features	SWITCH	Menu, Minus, (" - "), Plus (" + "), Exit, Power
	User Updateable Firmware	Yes
Power & Operating Specs	Power Supply	USB-C® PD input 27W (9V/3A)
	Power Source	USB-C®
	Power Consumption- Max	27W
	Energy Saving/Stand By Mode	0.5W
Operating Conditions	Power Consumption- Typical	12W
	Operating Temperature - Celsius	5° – 35°
	Operating Temperature - Fahrenheit	41° – 95°
	Non-operating Temperature - Celsius	–20° – 60°
	Non-operating Temperature - Fahrenheit	–4° – 140°
	Operating Humidity	20 – 80%
	Non-operating Humidity	5 – 95%
	Operating Altitude	0 – 5,000 m (16,400 ft.)
	Non-operating Altitude	0 – 12,192 m (40,000 ft.)

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Environmental Features and Certifications	Microsoft WHQL Certification	Win 10	
Recycled Plastics	Contains Recycled Plastics Recyclable Packaging (Box, packing materials)	ABS 85% 100% fiber packaging, cardboard	
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	Metric 35 x 21.1 x 17.6 cm	Imperial 13.8 x 8.3 x 6.9 inch
	Product Dimensions (Packed) (W x D x H)	42.2 x 27.3 x 8.1 cm	16.61 x 10.75 x 3.19 inch
	Display Head Dimensions (Unpacked without stand) (W x D x H)	35 x 20.3 x 17.6 cm	13.8 x 8.0 x 6.9 inch
	Base Area Footprint (w x d mm)	179.7 X 151 mm	70.8 X 59.5 inch
	Bezel Measurements	Top: 19.0 Left: 19.7 Right: 19.7 Bottom: 20.54	Top: 7.5 Left: 7.8 Right: 7.8 Bottom: 8.1
	Product Weight (Unpacked with stand)	2.5 kg	5.51 lb
	Product Weight (Packed)	3.1kg	6.84 lb
	Product Weight (Head Only)	1.6 kg	3.53 lb
	Pallet Dimensions (L x W x H)	Slip Sheet: 1200 x 984 x 2103 mm Pallet: 1200 x 1000 x 2218 mm	Slip Sheet: 47.24 x 38.74 x 82.80 inch Pallet: 47.24 x 39.37 x 91.65 inch
	Pallet Total Weight	Slip Sheet: 504.2 kg Pallet: 517.2 kg	Slip Sheet: 1111.57 lb Pallet: 1140.23 lb
Pallet Information	Pallet Layers	6 layers per pallet	
	Pallet Product per Layer	24	
	Total Products per Pallet	144	
	Container Load, 20-Foot	1440	
	Container Load, 40-Foot	3024	
Kit Contents	HP Engage 14 FHD Monitor (42C50AA)	HP Engage 14 FHD Monitor USB-C® Documentation	
	HP Engage 14t FHD Monitor (42C90AA)	HP Engage 14t FHD Monitor USB-C® Documentation	
Compatible Accessories	10P58AA – HP Engage 14 Clean Mount Stand 10P62AA – HP Engage 14 Stability Mount Stand 4A2G1AA – HP Engage 14 Standalone Stand 4A2G2AA – HP Engage 14 VESA Plate		

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Summary

Change Log			
May 19, 2021	V1 to V2	Add	SKUs, Kit Contents and Compatible Accessories
	V2 to V3		