Technical Specifications

HP M24m FHD USB-C Conferencing Monitor

Front

1. Microphones (2)
2. Camera Light
3. 5MP Webcam

4. Privacy Slider
5. Speakers
6. Power LED

QuickSpecs

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Back

1. OSD Button
2. Power Button

3. Security Cable Slot
4. Power Connector
5. DisplayPort™ 1.2

6. HDMI 1.4
7. SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.2)
8. SuperSpeed USB Type-A 5Gbps signaling rate (2)
9. Audio Jack Combo

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Model: 678U5AA, 678U5AT

Panel Specifications	Display Size (Diagonal)	23.8"
	Panel Technology	IPS
	Max Refresh Rate	75 Hz
	Native Resolution	1920 x 1080
	Panel Bit Depth	8 bit
	Aspect Ratio	16:9
	Brightness (Typical)	300 nits
	Contrast Ratio (Static)	1000:1
	Dynamic Contrast Ratio	8M:1
	Flicker Free	Yes
	Pixel Pitch	0.2745 x 0.2745
	Pixels Per Inch (PPI)	93 PPI
	Backlight Lamp Life Minimum (To Half Brightness - In Hours)	30,000
	Backlight Type	Edge-lit
	Screen Treatment	Anti-glare
	Hardness	3H
	Haze	25
	Response Time (Typical)	5ms GtG (with overdrive)
	Horizontal Viewing Angle (Typical Cr>10)	178°
	Vertical Viewing Angle (Typical Cr>10)	178°
	Panel Active Area Metric (W x H)	52.704 x 29.646
	Panel Active Area Imperial (W x H)	20.74 x 11.67

NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Color	sRGB	(CIE 1931)99%

Color Management	Color Space/ Subsampling Support	RGB 4:4:4
	RGB Channel Adjust	Yes, Gain
	Default Color Temperature	Standard (6500K)

Monitor Specifications	Bezel Type	3-sided Micro Edge
	Color Of Stand	Black
	Color Of Head	Black
	Tilt	from -5 to +23°
	Swivel	±45°
	Height Adjust Range	100mm
	Vesa Mounting	100 mm x 100 mm
	Security Lock	Standard Security Lock Slot
	Detachable Stand	Yes
	Warranty	2/2/0 EMEA
	Low Blue Light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
	Webcam	5MP
	Microphone	Dual microphone (noise cancelling)

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	Speaker Output Power	2 x 2 W
	Display Software	HP Display Center
On Screen Display (OSD)	**On Screen Display**	Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit
	Native Resolution	Full HD (1920 x 1080)
		NOTE: DisplayPort 1.2 or HDMI 1.4 or USB-C (DP alt mode) required to drive panel at its native resolution.
		The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz with 8-bit color using one DP, HDMI, or USB-C (DP alt mode).
	Maximum Resolution	1920×1080 @75Hz
	Preset Graphic Modes/Supported Resolutions	640 x 480 @ 60Hz
		720 x 400 @ 70 Hz
		800 x 600 @ 60 Hz
		1024 x 768 @ 60 Hz
		1280 x 720 @ 60 Hz
		1280 x 800 @ 60 Hz
		1280 x 1024 @ 60 Hz
		1440 x 900 @ 60 Hz
		1600 x 900 @ 60 Hz
		1680 x 1050 @ 60 Hz
		1920 x 1080 @ 60 Hz
	Minimum Vertical Scan Rate	48 Hz
	Maximum Vertical Scan Rate	75 Hz
	Minimum Horizontal Scan Rate	30.0 kHz
	Maximum Horizontal Scan Rate	85.0 kHz
	Maximum Pixel Clock	180.0 MHz
	User Programmable Modes	Yes, 20
	User-Assignable Function Buttons	Yes, 3 (7 optional)
	Audio	Built-in speakers
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	**DisplayPort™**	1 DisplayPort™ 1.2
	HDMI	1 HDMI 1.4
	HDCP	Yes, DisplayPort and HDMI
	USB Type-C® Video Input	1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.2)
	USB- A	2 SuperSpeed USB Type-A 5Gbps signaling rate
	AUDIO PORT	1 x 3.5 mm Audio Jack (Audio Out)
Special Features	**SWITCH**	Menu/OK, Plus ("+")/Next Active Input, Minus ("-")/Color Modes, Return/Brightness, Power
	User Presets	11

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		Metric	Imperial
Contains Recycled Plastics	**Contains Recycled Plastics**	ABS 85%* + 5%** Ocean Bound Plastic *Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard. **5% ocean bound plastic by weight in each of the following components: Rear Cover, Middle Frame, Deco, Webcam door, VESA cover, Hinge top cover, Hinge btm cover, Lift cover, QR button, Column front cover, Column back cover, Swivel cover, Base cover.	
	Recyclable Packaging (Box, packing materials)	100% fiber packaging, cardboard* *100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.	
Unit Product/Package Specifications	**Product Dimensions** (Unpacked with stand) (W x D x H)	53.95x21.14x52.34 cm	21.24 x 8.32 x 20.61 in
	Product Dimensions (Packed) (W x D x H)	59.6 x 19.5 x 41.6 cm	23.46 x 7.68 x 16.38 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	53.95x4.79x37.22 cm	21.24x1.89x14.65 in
	Base Area Footprint (w x d mm)	240 x 211.4 mm	9.45 X 8.32 in
	Bezel Measurements (Unpacked with stand) (W x D x H)	Bottom: 52.13	Bottom: 2.05
	Product Weight (Unpacked with stand)	6.3 kg	13.86 lb
	Product Weight (Packed)	9.2 kg	20.24 lb
	Product Weight (Head Only)	3.7 kg	8.14 lb
Pallet Information	**Pallet Dimensions** (L x W x H mm)	1206 x 994 x 2223	47.48 x 39.13 x 87.52
	Pallet Total Weight	469.34	1034.72
	Pallet Layers	5	
	Pallet Product per Layer	10	
	Total Products per Pallet	50	
	Container Load, 20-Foot	500	
	Container Load, 40-Foot	1100	
	Container Load, 40-Foot HighQ	1100	
What's in the box?	AC power cord (1.83m) 6.0 ft USB C-C cable (1.8m) 5.9 ft USB C-A cable (1.8m) HDMI cable (1.8m) 5.9ft QSP Warranty card		

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Doc Kit

User Guide and Warranty Languages	**User Guide Languages**	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish
	Warranty Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish

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Summary

Change Log			
	V1 to V2		