

# HP M24m Conferencing Monitor (678U5AA)



## Overview

### Productivity all built-in

Get the job done with just the tools you need—all built in. Whether you work from home, the office, or both, simply connect this 23.8" diagonal, FHD monitor to your computer with a single USB-C® cable and you're ready to collaborate. Hop on video or take a call without buying or connecting any extra devices with the integrated 5MP webcam, noise-canceling microphones, and built-in dual speakers.

### One cable. Everything you need.

This monitor is more than just a screen. It's a productivity hub. One USB-C® cable is all you need to plug in and get to work in an instant. You can directly connect your mouse and keyboard to the monitor's USB ports, and it charges your laptop at up to 65W. So, ditch the messy cords, marvel at your clean desk, and enjoy everything this display has to offer—all with USB-C®.

### The view to get the job done

Check off more of your to-do list with a screen that's as detail oriented as you. Enjoy sharp image and movement clarity on this 23.8" diagonal, FHD monitor with 75Hz refresh rate[1] and consistent, vibrant color thanks to the 99% sRGB color gamut. Plus, see it all from virtually any angle with IPS panel technology and minimize distractions with the 3-sided micro-edge bezel—perfect for dual displays.

### Conferencing made convenient

Welcome to your built-in collaboration station with an integrated 5MP webcam, noise-canceling microphones, and dual 2W speakers. It's just what you need to look sharp, sound great, and enjoy clear audio whether you're on a call or video conference—no extra devices necessary. Plus, get peace of mind and ensure your webcam's off with the built-in physical privacy cover.

### Refreshing, built-in comfort

To take care of business, you need to take care of yourself. This monitor helps you find a comfortable position for your back, neck, and shoulders with 3-way adjustability: 100mm height adjust, tilt, and swivel. Plus, keep your screen time comfortable with HP Eye Ease—an always-on, low-blue light filter that doesn't impact color accuracy.

# Features

## FHD Resolution

Focus on the finer details and enjoy sharp visuals and crystal clear images with the 1920 x 1080 FHD resolution on this 23.8" diagonal monitor.

## Integrated 5MP Webcam

Easily conference and get your work done. Plus, it has a privacy cover.

## Integrated Audio

The integrated, side-firing dual 2W speakers and noise-canceling mic deliver crystal-clear audio.

## 99% sRGB Color Gamut

Enjoy what you see on screen with 99% sRGB color space. This display provides consistent and ideal color reproduction for vibrant images and videos.<sup>[1]</sup>

## HP Display Center

Customize your display with easy, intuitive HP Display Center software.<sup>[2]</sup>

## USB-C® Connectivity

Keep your set up simple and seamless with a display that has everything built in. Connect a keyboard and mouse to the ports on the back of this monitor and only one USB-C® cable to your notebook for data, video, and up to 65W of charging.

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*[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.*

*[2] Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.*

## Specifications

Display size (diagonal)	23.8"
Panel technology	IPS
Display size (diagonal)	60.45 cm (23.8")
Aspect ratio	16:9
Native resolution	FHD (1920 x 1080) <sup>[1,2]</sup>
Resolutions supported	640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080
Pixel pitch	0.2745 mm x 0.2745 mm
Brightness	300 nits <sup>[1]</sup>
Contrast ratio	1000:1 <sup>[1]</sup>
Response time (typical)	5ms GtG (with overdrive) <sup>[1]</sup>
Minimum dimensions (W x D x H)	53.95 x 4.79 x 37.22 cm (Without stand.)
Minimum dimensions (W x D x H)	21.24 x 1.89 x 14.65 in (Without stand.)
Dimensions With Stand (W x D x H)	53.95 x 21.14 x 52.34 cm
Weight	6.3 kg (With stand.)
Weight	13.86 lb (With stand.)
Display features	On-screen controls; Low blue light mode; Anti-glare; Height adjustable; Integrated speakers; Webcam; HP Eye Ease; Integrated microphone <sup>[1]</sup>
Onscreen controls	Exit; Information; Management; Menu; Power; Input control; Brightness+; Image; Color
Display scan frequency (horizontal)	30-85 KHz
Display scan frequency (vertical)	48-75 Hz
Camera	Yes, 5MP
Power	100 - 240 VAC 50/60 Hz
Power consumption	120 W (maximum), 30 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
Sustainable impact specifications	85% post-consumer recycled plastic; Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Contains Ocean-Bound plastic

**Certifications and compliances**

CB; CE; EAC (Russia); EPA; ISO 9241-307; Microsoft WHQL Certification; TCO Certified; TCO Certified Edge; TUV and GS Mark (German ergonomic); TUV LBL; Ukraine Energy label; UAE; Belarus Energy

**Physical security**

Security lock-ready<sup>[9]</sup>

**Management Software**

HP Display Center

**UPC number**

(A2N) 197192720332; (ABB) 196548350391; (ABT) 197192720349; (ABU) 197192360361; (ABV) 197192720356; (ABY) 196548350407; (ACQ) 197192720363; (AH3) 197192720370; (UUZ) 197192720387

**What's in the box**

Warranty card; Quick Setup Poster; 1 USB Type-C® to Type-C cable; AC power cord<sup>[8]</sup>

## Additional specifications

Audio port	1 x 3.5 mm Audio Jack (Audio Out)
Backlight lamp life	30,000 hours
Backlight type	Edge-lit
Bezel	3-sided micro-edge
Color gamut	99% sRGB
Country of origin	Made in China
Curvature	Flat
Detachable stand	Yes
Display area (imperial)	20.74 x 11.67 in
Display area (metric)	52.7 x 29.64 cm
Display contrast ratio (dynamic)	8000000:1
DisplayPort™	1 DisplayPort™ 1.2
Energy star certified	ENERGY STAR® certified
Flicker-free	Yes
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
Hardness	3H
Height adjustment range	100 mm
Horizontal viewing angle	178°
Low blue light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Microphone	Yes (noise cancelling)
Non-Operating Humidity Range	5% - 95%
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	23.46 x 7.68 x 16.38 in
Package dimensions (W x D x H)	59.6 x 19.5 x 41.6 cm
Package weight	20.24 lb
Package weight	9.2 kg
Panel bit depth	8 bit
Pixels per inch (ppi)	93 ppi
Power supply type	Internal
Product dimensions with stand (W x D x H)	21.24 x 8.32 x 20.61 in
Refresh rate	75 Hz
Resolution (maximum)	FHD (1920 x 1080 @ 75 Hz)

<b>Screen treatment</b>	Anti-glare
<b>Speaker output power</b>	2 x 2 W
<b>Speaker type</b>	2
<b>Tilt</b>	-5 to +23°
<b>Total CO2e (kg) footnote number</b>	[60]
<b>UNSPSC code</b>	43211902
<b>USB Type-A</b>	2 SuperSpeed USB Type-A 5Gbps signaling rate
<b>USB Type-C® video input</b>	1 SuperSpeed USB Type-C® 5Gbps signaling rate (up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.2)
<b>VESA mounting</b>	100 mm x 100 mm
<b>Vertical viewing angle</b>	178°
<b>Windows Hello compatible</b>	No
<b>pivot</b>	No pivot
<b>swivel</b>	±45°

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*[1] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.*

*[2] DisplayPort™ 1.2 or HDMI 1.4 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 DisplayPort™, HDMI, or USB Type C® (Alt Mode DisplayPort™). The video card of the connected PC must be capable of supporting 1920 x 1080 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the Preferred Mode.*

*[8] Included cables may vary by country.*

*[9] Lock sold separately.*

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# Accessories for PC

## Stands/Mounting Brackets

★ : Recommended

### Mounting Brackets

HP B250 PC Mounting Bracket	8RA46AA
HP Quick Release Bracket 2	6KD15AA

## Security

### Security Cables

HP Business PC Security Lock v3 Kit	3XJ17AA
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