HP M27m Conferencing Monitor (678U8AA)

Overview

Conference with Confidence

Welcome to a better conferencing experience. The integrated 5MP webcam, dual noise-canceling microphones, and built-in speakers makes this sleek 27-inch FHD monitor the centerpiece of your connected daily life. It's designed for ease and simplicity without compromising quality so you can feel as good as you look on every call.

Look and Sound Better Than Ever

Say goodbye to blurry images or muffled sound on video calls. Get a sharp picture with an integrated 5MP webcam that's twice the pixels of a 1080p webcam. Enjoy rich sound with built-in dual speakers and noise-cancelling microphones so you can sound as good as you look. There's also a physical privacy cover so you can ensure your camera is off when you need it to be.

Clear Desk. Clear Mind.

Disconnect from the mess and connect with success through one USB-C®[2] cable that delivers data, video and up to 65W of power from the monitor for a simple workspace setup. Easily connect your peripherals to the monitor's port hub behind the monitor. Now that's the picture of simplicity.

Your Webcam and Audio Your Way

Customize your webcam and audio settings to your needs within a simple and intuitive dashboard in HP Display Center[1]. Use the preview window to zoom into the perfect frame and adjust brightness or exposure. Select from music, video, and voice equalizer modes to curate your sound experience.

Features

Designed for Comfort

Customize tilt, 100 mm height, and swivel the angle into a comfortable position. Helps keep your eyes comfortable with HP Eye Ease the always-on low blue light filter.

Made with Recycled Plastics

This monitor's plastics contain 90% recycled materials, and it's shipped in 100% recyclable packaging.[3,4]

Step up to IPS

IPS technology brings you clear views from almost any angle. Every seat is the best seat in the house.

3-sided Micro-Edge Display

See more of your screen with a three-sided micro-edge display that maximizes your viewing area.

FHD Resolution

Brilliant visuals and unforgettable quality from a stunning FHD display.[5]

Power delivery with USB-C®

Versatile USB-C® connectivity isn't just for video or data—it also charges your PC with up to 65W of power.[2]

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

[2] USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

[3] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard. Plastics consist of 90% Post-Consumer Recycled, with 85% PCR+ 5% Ocean-Bound Plastics (PET).

[4] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Excludes plastic bags and plastic foam sheeting.

[5] Full high-definition (FHD) content is required to view FHD images.

Specifications

Display size (diagonal)	27"
Panel technology	IPS
Display size (diagonal)	68.6 cm (27")
Aspect ratio	16:9[1]
Native resolution	FHD (1920 x 1080)[1,2]
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	0.3114 mm x 0.3114 mm
Brightness	300 nits[1]
Contrast ratio	1000:1[1]
Response time (typical)	5ms GtG (with overdrive)[1]
Minimum dimensions (W x D x H)	61.2 x 4.82 x 41.3 cm (Without stand.)
Minimum dimensions (W x D x H)	24.09 x 1.9 x 16.26 in (Without stand.)
Dimensions With Stand (W x D x H)	61.2 x 21.14 x 54.4 cm
Weight	7.3 kg (With stand.)
Weight	16.06 lb (With stand.)
Display features	On-screen controls; Low blue light mode; Anti-glare; Height adjustable; Integrated speakers; Webcam; HP Eye Ease; Integrated microphone[1]
Onscreen controls	Brightness+; Color; Image; Input control; Power; Menu; Management; Information; Exit
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	130 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 recycled plastic

Certifications and compliances	CB; CE; EAC (Russia); EPA; ISO 9241-307; Microsoft WHQL Certification; TCO Certified; TCO Certified Edge; TUV LBL; Ukraine Energy label; UAE; TUV-GS; Belarus Energy
Physical security	Security lock-ready[9]
Management Software	HP Display Center
UPC number	(A2N) 197192724231; (ABB) 196548350476; (ABT) 197192724248; (ABU) 197192360477; (ABV) 197192724255; (ABY) 196548350483; (ACQ) 197192724262; (AH3) 197192724279; (UUZ) 197192724286
What's in the box	HDMI cable; Warranty card; Quick Setup Poster; Doc-kit; 1 USB Type-C® to Type-C cable; 1 USB Type-C® to Type-A cable; AC power cord[8]

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)	23.54 x 13.24 in
Display area (metric)	59.79 x 33.63 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)	69.2 x 22 x 46.9 cm
Package dimensions (W x D x H)	27.24 x 8.66 x 18.46 in
Package weight	24.86 lb
Package weight	11.3 kg
Panel bit depth	8 bit
Pixels per inch (ppi)	82 ppi
Power supply type	Internal
Product dimensions with stand (W x D x H)	24.09 x 8.32 x 21.42 in
Resolution (maximum)	FHD (1920 x 1080 @ 75 Hz)
Screen treatment	Anti-glare

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

[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.

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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https://usb.org/sites/default/files/usb_type-c_language_product_and_packaging_guidelines_final.pdf

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