



HP E27m G4 QHD USB-C Conferencing Monitor (40Z29AA)



Overview

Connect with Confidence. Conference with Ease.

Conference and connect with ease with the Zoom Certified HP E27m G4 USB-C Conferencing Monitor that has an integrated 5MP, tilt-adjustable webcam, front-firing speakers, and dual mics. Work effortlessly and simplify your set up with one USB-C® cable[1] that delivers data, video, and up to 65W of laptop charging.

Present Your Best Self.

Say goodbye to blurry images or muffled sound on video calls. Get sharp picture with an integrated 5 mega-pixel webcam with 25 degrees of tilt adjustability for perfect angles, pop-up action for privacy, improved color sensor and Windows Hello™ support. Built-in speakers and echo-cancelling dual mics produce rich, clear sound.

Zoom Certified.

Weeks of lab testing of this monitors webcams, mics, and speakers against over 200 of Zoom's rigorous audio and video quality benchmarks[2] culminated in the HP E Series USB-C Conferencing Monitors Zoom Certification. Because HP met or exceeded all requirements, you can be sure our hardware works seamlessly with Zoom's software to deliver an unmatched conferencing experience every time.

Simplify your set up.

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[1] to your notebook for data, video, and up to 65W of charging.

Your Webcam and Audio Your Way.

Customize your webcam and audio settings to your needs within a simple and intuitive dashboard in the newly updated HP Display Center[3]. Use the preview window to zoom into the perfect frame and adjust brightness or exposure. Select from music, video, and voice EQ modes to curate your sound experience.

Features

Get Comfortable. Be Productive.

Work effortlessly with 4-way ergonomics and comfortably view your work on a 27-inch diagonal QHD screen that reduces blue light with HP Eye Ease.

Only share when you want to

Push the webcam down for worry-free privacy.

Crystal Clear Audio

Speakers that deliver crystal-clear audio straight to you.

Expand your View

Daisy chain or run two monitors via DisplayPort™.^[4]

Environmentally Aware. Responsibly Made.

This monitor's plastics consist 90% recycled materials and its recyclable packaging is 100% sustainably sourced.^[5,6]

Enhanced Viewing Comfort

HP Eye Ease keeps you comfortable by reducing blue light.

[1] Comes with one USB-C® cable and Power Cord.

[2] Based on a monitor series with Zoom Certification as of November 2021.

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

[4] DisplayPort™ cable not included. Monitors come with one USB-C® cable to connect your PC and a Power Cord for the monitor.

[5] 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% Recycled Information Technology Equipment (ITE) + 5% Ocean-Bound Plastics (PET).

[6] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

Specifications

Display size (diagonal)	27"
Panel technology	IPS
Display size (diagonal)	68.6 cm (27")
Aspect ratio	16:9 ^[1]
Native resolution	QHD (2560 x 1440) ^[1,8]
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; 1600 x 1200; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1400; 2560 x 1440
Pixel pitch	0.2331 mm x 0.2331 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)	61.28 x 4.7 x 39.66 cm (Without stand.)
Minimum dimensions (W x D x H)	24.13 x 1.85 x 15.61 in (Without stand.)
Dimensions With Stand (W x D x H)	61.28 x 21.6 x 55.1 cm
Weight	8.52 kg (With stand.)
Weight	18.78 lb (With stand.)
Display features	On-screen controls; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; Integrated speakers; Webcam; HP Eye Ease
Onscreen controls	Exit; Information; Management; Power control; Input control; Menu control; Brightness+; Image; Color
Display colors	Up to 16.7 million colors supported
Display scan frequency (horizontal)	30-115 kHz
Display scan frequency (vertical)	50-75 Hz
Camera	Yes, 5MP
Power	100 - 240 VAC 50/60 Hz
Power consumption	160 W (maximum), 51 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
Sustainable impact specifications	Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Contains Ocean-Bound plastic

Certifications and compliances	BIS; BSMI; CB; CCC; CE; CECP; CEL; CEL Grade 1; cTUVus; EAC; ENERGY STAR®; E-standby; FCC; ISO 9241-307; KC/KCC; NOM; PSB; RCM; SEPA; TCO Certified; TCO Certified Edge; TUV-S; VCCI; WEEE; ISC; Mexico Energy; ICE; UAE; TGM; TUV-GS; Ukraine certificates; NRCS of South Africa; Belarus Energy
Physical security	Security lock-ready ^[2]
Management Software	HP Display Center; HP Display Manager
UPC number	(A2K) 195908730170; (A2N) 195908730187; (AB0) 195908730194; (AB1) 195908730200; (AB2) 195908730217; (AB4) 195908730224; (ABA) 195908730248; (ABB) 195908730255; (ABG) 195908730262; (ABJ) 4573595652238; (ABT) 195908730279; (ABU) 195908730286; (ABV) 195908730293; (ABY) 195908730309; (ACJ) 195908730316; (ACQ) 195908730323; (AKL) 195908730347; (AR6) 195908730354; (UUF) 195908730361; (UUZ) 195908730378
What's in the box	Monitor; Warranty card; Product notice; Quick Setup Poster; 1 USB Type-C® to Type-C cable; AC power cord ^[4]

Additional specifications

Audio port	1 x 3.5 mm Audio Jack (Audio In/Out Combo)
Backlight type	Edge-lit
Bezel	3-sided micro-edge
Camera features	Independent tilt -20° to 5°; Windows Hello support (IR Sensor); Pop-up privacy; Auto focus
Card reader	No
Certified collaboration software	Zoom
Color gamut	99% sRGB
Curvature	Flat
Detachable stand	Yes
Display area (imperial)	23.49 x 13.22 in
Display area (metric)	59.67 x 33.57 cm
Display contrast ratio (dynamic)	10000000:1
DisplayPort™	1 DisplayPort™ 1.2
DisplayPort™ Out	1 DisplayPort™ 1.2-out
Ethernet	1 RJ-45
Flicker-free	Yes
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
Hardness	3H
Height adjustment range	150 mm
Horizontal viewing angle	178°
Integrated privacy filter	No
Low blue light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Microphone	Yes (echo cancelling)
Non-Operating Humidity Range	5 to 95%
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	69.5 x 19 x 48.3 cm
Package dimensions (W x D x H)	27.36 x 7.48 x 19.02 in
Package weight	11.97 kg
Package weight	26.38 lb
Panel bit depth	8 bit
Pixels per inch (ppi)	109 ppi
Power supply type	Internal

Product dimensions with stand (W x D x H)	24.13 x 8.5 x 21.69 in
Resolution (maximum)	QHD (2560 x 1440 @ 75 Hz)
Screen treatment	Anti-glare
Speaker output power	2 x 5 W
Speakers	2
Tilt	-5 to +23°
Touch-enabled	Not touch-enabled
UNSPSC code	43211902
USB Type-A	4 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	Yes
pivot	±90
swivel	±45°

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

[2] Lock sold separately.

[4] Included cables may vary by country.

[8] DisplayPort™ 1.2 or HDMI 1.4 or USB Type C® (Alt Mode DisplayPort™ compatible) required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 2560 x 1440 at 60 Hz using one DisplayPort™, HDMI, or USB Type C® (Alt Mode DisplayPort™).

Accessories

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

★ : Recommended

Mounting Kits

HP B300 PC Mounting Bracket	2DW53AA
HP Quick Release Bracket 2	6KD15AA
HP Single Monitor Arm	BT861AA

Security and Protection

PC Locks

HP Business PC Security Lock v3 Kit	3XJ17AA
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Cabinets and Stands

Monitor Stands

HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AA
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