Datasheet

HP E24m G4 FHD USB-C Conferencing Monitor

Connect with Confidence. Conference with Ease.

Conference and connect with ease with the Zoom Certified HP E24m 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.



*Product image may differ from actual product

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.

Sustainability in action

Build for a better tomorrow

Innovating with purpose and intention to drive impactful, positive, lasting change.

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Featuring





Get Comfortable. Be Productive.
Work effortlessly with 4-way ergonomics and comfortably view your work on a 60.45 cm (23.8-inch) diagonal FHD 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.

More Ports. More Flexibility.
Packed with ports including HDMI, DisplayPort™, USB-C® plus four USB ports.[1]

Personalized and Protected
Personalize settings and dim the screen upon unauthorized disconnection.[3]

Remote Management Reimagined
Manage deployment, asset tracking and monitor settings remotely.[7]

Dependable Internet Connectivity
RJ-45 port for stable internet connection and remote IT manageability.[7]

Works With Chromebook Certified
The Works With Chromebook badge on a device means it's optimized to work with your Chromebook and other Chrome OS devices. Enjoy a seamless experience across Works With Chromebook certified accessories.[8,9]

3-year Limited Warranty
Get peace of mind with a 3-year warranty.

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Specifications

Display specifications

Display size
23.8"[1]
Display size (diagonal, metric)
60.45 cm (23.8")
Aspect ratio
16:9[1]
Curvature
Flat
Native resolution
FHD (1920 x 1080)[1,8]
Resolution (maximum)
FHD (1920 x 1080 @ 75 Hz)
Resolutions supported
1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 800; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 800 x 600
Panel type
IPS[1]
Bezel
3-sided micro-edge
Panel active area
52.7 x 29.65 cm
Panel bit depth
8 bit (6 bit + FRC)
Display colors
Up to 16.7 million colors supported (through FRC technology)
Display color gamut
99% sRGB
Display scan frequency
50-75 Hz (Vertical) 30-85 KHz (Horizontal)
Response time
5ms GtG (with overdrive)[1]
Brightness
300 nits[1]
Contrast ratio
1000:1 (Static)[1] 10000000:1 (Dynamic)[1]
Pixel pitch
0.2745 mm x 0.2745 mm
Pixels per inch (ppi)
93 ppi
Viewing angle
178° (Vertical) 178° (Horizontal)
Backlight type
Edge-lit
Display features
On-screen controls; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; Integrated speakers; Webcam; HP Eye Ease; Works With Chromebook Certified
Display User Control Options
Exit; Information; Management; Power control; Input control; Menu control; Brightness+; Image; Color
Management software
HP Display Center; HP Display Manager[9]
Low blue light modes
Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Flicker-free
Yes
Screen treatment
Anti-glare
Hardness
3H
VESA mount
100 mm x 100 mm
Height adjustment range
150 mm
Tilt
-5 to +23°
Swivel
±45°
Pivot
±90
Camera
Yes, 5MP
Camera features
Independent tilt -20° to 5°; Windows Hello support (IR Sensor); Pop-up privacy; Auto focus
Microphone
Yes (echo cancelling)
Speaker output power
2 x 5 W

Connectivity and communications

Port and connectors
1 HDMI 1.4
1 DisplayPort™ 1.2
1 DisplayPort™ 1.2-out
1 x 3.5 mm Audio Jack (Audio In/Out Combo)
1 SuperSpeed USB Type-C® 5Gbps signaling rate (up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.2)
4 SuperSpeed USB Type-A 5Gbps signaling rate
1 RJ-45 (10/100/1000 Mbps)
No
HDCP
Yes, DisplayPort™ and HDMI
Power supply
100 - 240 VAC 50/60 Hz
(Internal)
Power consumption
150 W (maximum), 37 W (typical), 0.5 W (standby) 0.5 W (standby)
Standby mode power demand
0.5 W (standby)

Logistics and Physical

Product color
Black head, silver stand
Detachable stand
Yes
Physical security
Security lock-ready[2]
Dimensions without Stand (W x D x H)
53.94 x 4.7 x 35.56 cm
Dimensions with stand (W x D x H)
53.94 x 21.6 x 53.07 cm
Weight
7.39 kg (With stand.)
Packaged Dimensions (W x D x H)
60.3 x 19.2 x 42.1 cm
Packaged weight
10.31 kg

Certification and compliance

Energy efficiency
E ENERGY STAR® certified
Ecolabels
EPEAT® registered[3]
Environmental specifications
Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Contains Ocean-Bound plastic[5,6,7]
Certifications
Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; E-standby; FCC; ISO 9241-307; KC/KCC; NOM; PSB; RCM; SEPA; TUV-S; VCCI; Vietnam MEPS; WEEE; ISC; Mexico Energy; ICE; UAE; TGM; TUV-GS; Ukraine certificates; NRCS of South Africa; Belarus Energy; CEL Grade 2[10]
Certified collaboration software
Zoom
Windows Hello compatible
Yes
Operating temperature range
41 to 95°F
Operating humidity range
20 to 80% non-condensing

Additional information

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]

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Footnotes

Messaging Footnotes

[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.
[7] HP Display Manager software agent must be running on a web server and host PC. Some limitations may apply to legacy monitors.
[8] Google tested to meet Chromebook compatibility standards.
[9] This product works with devices capable of running the latest version of Chrome OS and has been certified to meet Google's compatibility standards. Google is not responsible for the operation of this product or its compliance with safety requirements. Chromebook and the Works With Chromebook badge are trademarks of Google LLC.

Technical Specifications Footnotes

[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.
[3] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[4] Included cables may vary by country.
[5] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[6] Percentage of ocean-bound plastic contained in each component varies by product.
[7] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[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 1920 x 1080 at 60 Hz using one DisplayPort™, HDMI, or USB Type C® (Alt Mode DisplayPort™).
[9] Host PC requires Windows 10. HP Display Center is available on the Microsoft store.
[10] Monitors produced from June 2024 comply with China regulation GB 21520-2023.

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