HP Z24m G3 QHD Conferencing Display

Creative Collaboration Elevated

Enhanced by HP Presence[2], you can collaborate wherever you find yourself all while creating with the brilliant and vibrant color you need. With integrated conferencing 5 MP webcam, speakers and mic, you feel as if you're face-to-face. With the 60,5 cm(23.8-inch) diagonal HP Z24m G3 Display, you have color accuracy, HDR, and QHD to bring your ideas to life.

*Product image may differ from actual product

Share Your Ideas in Perfect Clarity

- Make an outstanding impression with state-of-the-art integrated conferencing features enhanced by HP Presence[2]. Present your work in perfect clarity with a high-resolution 5MP webcam, noise-cancelling mics and fine-tuned, recessed speakers designed to fit in a 4-sided borderless frame. These integrated features are rigorously tested to ensure Zoom and other conferencing software work seamlessly.

See Colors as They Really Are

- Trust the colors you see on screen with the industry-leading Z by HP color accuracy and factory color calibration you expect. Equipped with the creative color gamuts you work in most[1], you'll have all the shades and hues you need for web, photography, and video creation on Mac® or PC. Lean into realism with HDR 400 for darker blacks and brighter whites.

A Smooth Screen Experience

- Experience every pixel and movement with the precision of reality in crisp Quad HD resolution and a fast 90Hz refresh rate[1]. Navigate your workflow in Windows 11 and Adobe® with high definition and smooth motion as you scroll, click, and direct your projects.

Work Flows with You

- Stay in your creative flow with a display that keeps up with you. Not only is the 4-sided borderless display stunning by itself, with daisy chaining[3] you can pair the Z24q G3 display[4] for virtually seamless dual displays. USB-C® connection provides 100W charging and compatibility with Mac® or PC, so nothing stops your flow. Get to creating quicker with proximity detection and keep it up all day with built-in wellness features.

Featuring

Enhanced by HP Presence
Look and sound your best with all new collaborating features.

Colors Calibrated to Perfection
Every HP Z Display undergoes factory color calibration and testing to achieve a Delta E of less than 2, making color differences virtually indistinguishable to the human eye.

The Color Gamuts You Use Most
Create in the color gamuts you use most. 99% sRGB for web, 90% P3 for photography, and BT.709 for HD video.

Shine Brightly
With 400 nits of brightness, you can clearly see your screen when you're in the sun, by a bright window, or under artificial lighting.[1]

Lean into Realism with HDR 400
Lean into realism with HDR 400 for deeper blacks, brighter whites, and richer colors.

Crisp QHD Resolution
See 2x the details on your 23.8-inch diagonal screen with crisp QHD resolution.

Proximity Detection
Get to work faster and know your privacy is protected with proximity detection.

Display More with DisplayPort™ 1.4
Display more with DisplayPort™ 1.4 and connect up to 3 QHD displays.

Endless Adjustability
With 4-way adjustability you can customize pivot, tilt, height adjust, and swivel settings to fit you, your desk, and your needs.

Always-on, True Color, Low-Blue Light Filter
HP Eye Ease is a filter that keeps you comfortable by reducing blue light without impacting color accuracy.

Zoom Certified
Because HP met or exceeded all Zoom quality benchmarks, you can be sure our hardware works seamlessly with Zoom and most other conferencing platforms to deliver an stunning conferencing experience every time.

Only Share When You Want
Push the webcam down for worry-free privacy.

Windows® Hello Enabled Integrated Webcam
Integrated webcam features an improved discrete IR sensor, so using your face as a password with Windows® Hello has never been more hassle-free.[5]

Crystal Clear Audio, Beautiful Design
With built-in, down firing speakers, hear with perfect clarity in a 4-sided borderless frame.

Your Webcam and Audio Your Way
Customize your webcam and audio settings using simple controls in HP Display Center. Crop in and adjust brightness, exposure, volume using simple sliders.[6]

Monitors Containing Recycled Materials
HP is helping conserve natural resources, reduce waste sent to landfills, and lower energy consumption by using 90% recycled plastics in the plastics of Z G3 Monitors.[7]

Thoughtful Product Packaging
HP is committed to reducing plastic in landfills by using 100% recyclable packaging that meets recycling requirements, so it stays out of the landfill.[8,9]

More Ports. More Flexibility.
Packed with ports including USB-C®, HDMI, DisplayPort™, and four USB-A 3.2 ports.[10]

Easily Personalize and Adjust Your Display
Customize your display with easy, intuitive HP Display Center software that lets you tailor your settings, partition screens, and even dim the screen.[6]

Remote Management Reimagined
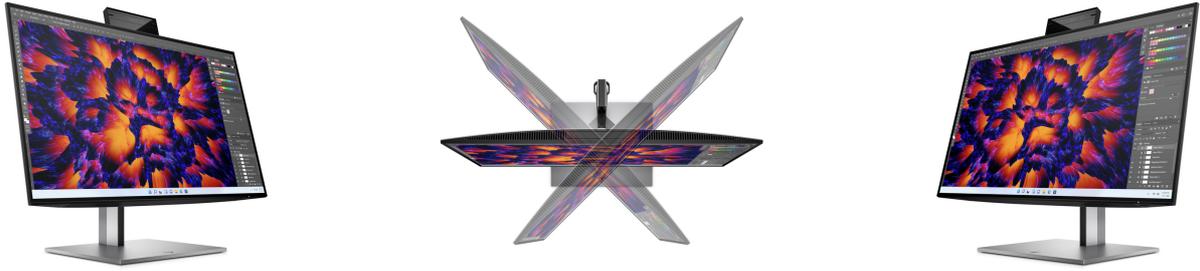Manage deployment, asset tracking and monitor settings remotely.[11]

Crystal Clear Audio, Beautiful Design
With built-in, down firing speakers, hear rich audio in perfect clarity via dual 5W speakers with 84dB SPL and 160 Hz bass roll off.

3 years limited warranty
Get peace of mind with a 3 years warranty

HP Z24m G3 QHD Conferencing Display Specifications Table

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Display type	IPS[1]
Panel Active Area	52.68 x 29.64 cm
Brightness	400 nits[1]
Contrast ratio	1000:1[1]
Response Ratio	5ms GtG (with overdrive)[1]
Product colour	Black/Silver
Aspect ratio	16:9
Native resolution	QHD (2560 x 1440)[1,2,3,4]
Resolutions supported	640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 1024; 1440 x 900; 1600 x 900; 1600 x 1200; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1400
Display features	On-screen controls; Anti-glare; IR webcam; Height Adjust/Tilt/Swivel/Pivot; Integrated speakers; HP Eye Ease; Integrated microphone
User controls	Brightness; Exit; Information; Management; Power; Input control; Menu control; Image; Color
Display size (diagonal, metric)	60.45 cm (23.8")
Ports and Connectors	USB Type-C® video input: 1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4); 1 HDMI 2.0; 1 DisplayPort™ 1.4; 1 DisplayPort™ 1.4-out; 4 SuperSpeed USB Type-A 5Gbps signaling rate; 1 RJ-45
HDCP	Yes, DisplayPort™ and HDMI
Camera	Yes, 5MP
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 20 to 80% non-condensing;
Power	100 - 240 VAC 50/60 Hz
Power consumption	170 W (maximum), 38 W (typical), 0.5 W (standby)
Dimensions	62.5 x 14.1 x 38.7 cm
Weight	5.7 kg (With stand.)
Physical security features	Security lock-ready[12]
Certification and compliance	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; FCC; GS Mark; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TUV-S; VCCI; Vietnam MEPS; WEEE; ISC; Low blue light; South Africa Energy; ICE; UAE; Ukraine certificates
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; Designed with recycled metals[6,7,8,9,10]
What's in the box	DisplayPort™ cable; HDMI cable; VESA Mount adapter; Warranty card; Quick Setup Poster; 1 USB Type-C® to Type-C cable; AC power cord; Color calibration report[11]
Warranty	3 years limited warranty
Pixels per inch (ppi)	123 ppi
Panel bit depth	10 bit (8 bit + FRC)
Vertical viewing angle	178°
Horizontal viewing angle	178°
Bezel	4-sided micro-edge
Swivel	±45°
Tilt	-5 to +20°
Pivot	±90
Height adjustment range	150 mm
VESA mounting	100 mm x 100 mm (bracket included)
Hardness	3H
Screen treatment	Anti-glare
Flicker-free	Yes
Low blue light modes	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Energy efficiency class	F
Display scan frequency (horizontal)	30-140 KHz
Pixel pitch	0.21 x 0.21 mm
Display colors	Up to 1.07 billion colors supported[5]
Display Color Gamut	99% sRGB; 90% DCI-P3; 99% BT.709
Microphone	Yes (noise cancelling)
Windows Hello compatible	Yes
Speaker output power	2 x 5 W
Management software	HP Display Center; HP Display Manager[13]
Webcam Features	Independent tilt -20° to 5°; Windows Hello support (IR Sensor); Pop-up privacy

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Messaging Footnotes

[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[2] HP Presence features vary by platform.
[3] Not compatible with Mac products.
[4] Z24q G3 display sold separately.
[5] Windows® Hello requires Windows 10 or higher. Internet connection required for online logins and sold separately.
[6] Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.
[7] 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).
[8] 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting.
[9] Recycling facilities not available in all locations.
[10] Comes with Power Cord, USB-C® cable, HDMI cable, and DisplayPort™ cable, all other cables sold separately.
[11] HP Display Manager software agent must be running on a web server and host PC. Some limitations may apply to legacy monitors.

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] DisplayPort™ 1.2 or HDMI 1.4 required to drive panel at its native resolution.
[3] The video card of the connected PC must be capable of supporting 2560 x 1440 at 60 Hz with 10-bit color using one DisplayPort™, HDMI, or USB Type C® (Alt Mode DisplayPort™).
[4] The video card of the connected PC must be capable of supporting 2560 x 1440 at 60 Hz and include 1 DisplayPort™, 1 HDMI or USB Type C® (Alt Mode DisplayPort™) outputs to drive the monitor at the Preferred Mode.
[5] Number of colors through A-FRC technology.
[6] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[7] External power supplies, WWAN modules, power cords, cables and peripherals excluded.
[8] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[9] Percent of recycled metal varies by product.
[10] Percentage of ocean-bound plastic contained in each component varies by product.
[11] Included cables may vary by country.
[12] Lock sold separately.
[13] HP Display Center requires Windows 10 (or higher) on host PC and is available from the Windows store.

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