



HP Z24q G3 QHD Display

The Ideal Space to Create

The Z24q G3 displays professional grade color and design optimized for hybrid or office work. Bring your ideas to life with industry-leading color accuracy and HDR 400 or take advantage the pixel dense QHD 23.8-inch screen—perfect for creating wherever your desk may be.



*Product image may differ from actual product

Closing the Gap Between Screen and Reality

- Trust the colors you see on screen with the world class Z by HP color accuracy you expect. Equipped with the creative color gamuts you work in most, 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.

Stunning Detail. Smoother Performance.

- Experience every pixel and movement with the precision of reality in crisp QHD resolution and a fast 90hz refresh rate¹. Navigate your workflow in Windows 11 and Adobe® with high definition and smooth motion as you scroll, click, and direct your projects.

Expand Your Canvas

- Finally, a display just as resourceful as you. Make the most of your desk and upgrade your virtual meetings by connecting your HP Z24m G3 display via daisy-chain with just one cable. The razor-thin, frameless designs of both monitors match perfectly while maximizing your screen and integrating premier conferencing features.

Designed to Keep in your Flow

- Support your workflow with a display that supports you. With 4-way ergonomics, you can keep your neck and back comfortable throughout the day. HP Eye Ease, an always-on, low-blue light filter can help reduce eye fatigue without impacting color accuracy.

Featuring

- 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.
- Create in the color gamuts you use most. 99% sRGB for web, 90% P3 for photography, and BT.709 for HD video.
- Clearly see your screen even in the sun.
- Lean into realism with HDR 400 for deeper blacks, brighter whites, and richer colors.
- See 2x the details on your 23.8-inch screen with crisp QHD resolution.
- Display more with DisplayPort™ 1.4 and connect up to 3 QHD displays.
- With 4-way adjustability you can customize pivot, tilt, height adjust, and swivel settings to fit you, your desk, and your needs.
- HP Eye Ease keeps you comfortable by reducing blue light without impacting color accuracy.
- HP is helping conserve natural resources, reduce waste sent to landfills, and lower energy consumption by using 80% recycled plastics in the plastics of Z G3 Monitors.²
- HP is committed to reducing plastic in landfills by using 100% recyclable packaging that meets recycling requirements, so it can stay out of the landfill.^{3,4}
- Packed with ports including HDMI, DisplayPort™, four USB-A 3.2 and a USB-B ports.⁵
- Customize your display with easy, intuitive HP Display Center software that lets you tailor your settings, partition screens, and even dim the screen.⁶
- Manage deployment, asset tracking and monitor settings remotely.⁷
- Get peace of mind with a 3-year warranty.

HP Z24q G3 QHD Display Specifications Table



*Product image may differ from actual product

Display type	IPS ¹
Panel Active Area	20.74 x 11.67 in 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 and Silver
Aspect ratio	16:9
Native resolution	QHD (2560 x 1440) ^{1,5}
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; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease
User controls	Brightness; Color control; Contrast; Exit; Image control; Information; Language; Management; Power control; Input control; Menu control
Display size (diagonal, metric)	60.5 cm (23.8")
Ports and Connectors	HDCP: Yes, DisplayPort™ and HDMI; 1 HDMI 2.0; 1 DisplayPort™ 1.4; 1 DisplayPort™ 1.4-out; 4 SuperSpeed USB Type-A 5Gbps signaling rate; 1 USB-B
Camera	No integrated camera
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 20 to 80% non-condensing
Power	100 - 240 VAC 50/60 Hz
Power consumption	74 W (maximum), 34 W (typical), 0.5 W (standby)
Dimensions	21.2 x 1.52 x 12.35 in 53.84 x 3.85 x 31.37 cm (Without stand.)
Weight	10.6 lb 4.8 kg (With stand.)
Physical security features	Security lock-ready ²
Ecolabels	EPEAT® registered ³
Energy star certified (series fixed)	ENERGY STAR® certified
Certification and compliance	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; ENERGY STAR®; FCC; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TCO Certified; TCO Certified Edge; TUV/GS; TUV-S; VCCI; Vietnam MEPS; WEEE; IS; 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; Designed with recycled metals; Contains Ocean-Bound plastic ^{4,7,8,9,10}
What's in the box	Monitor; DisplayPort™ cable; HDMI cable; VESA Mount adapter; Warranty card; USB Type-A to B cable; Quick Setup Poster; AC power cord; Color calibration report ¹¹
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
Touch-enabled	Not touch-enabled
Integrated privacy filter	No
Flicker-free	Yes
Low blue light modes	Yes, HP Eye Ease (TUV Low Blue Light Hardware Solution certified)
Display scan frequency (horizontal)	30-140 KHz
Display scan frequency (vertical)	50-90 Hz
Pixel pitch	0.21 x 0.21 mm
Display colors	Up to 1.07 billion colors supported ¹²
Display Color Gamut	99% sRGB; 90% DCI-P3; 99% BT.709
Microphone	No
Windows Hello compatible	No
Speakers	No
Speaker output power	No Speakers
Certified collaboration software	No
Management software	HP Display Center; HP Display Manager ⁶
Display area (metric)	52.68 x 29.64 cm

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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 Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
- ³ 100% 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.
- ⁴ Recycling facilities not available in all locations.
- ⁵ Comes with Power Cord, USB Type-A to B cable, HDMI and DisplayPort™ cables, all other cables sold separately.
- ⁶ Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.
- ⁷ 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 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 External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
- ⁵ 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 2560 x 1440 at 60 Hz with 10-bit color using one DisplayPort™, HDMI. The video card of the connected PC must be capable of supporting 2560 x 1440 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the Preferred Mode.
- ⁶ HP Display Center requires Windows 10 (or higher) on host PC and is available from the Windows store.
- ⁷ 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- ⁸ Percent of recycled metal varies by product.
- ⁹ Percentage of ocean-bound plastic contained in each component varies by product.
- ¹⁰ Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- ¹¹ Included cables may vary by country.
- ¹² Number of colors through A-FRC technology.

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