

HP Z40c G3 WUHD Curved Display

Your Window to Your World.

Stay focused and productive by immersing yourself in the brilliant, expansive views of the HP Z40c G3 Curved Display. Experience extraordinary, true-to-life color and see all of your projects at once, in stunning detail, on an Ultrawide display with 5K:2K resolution. Look and sound like you do in real life on calls with an integrated 4K webcam and high fidelity speakers.



*Product image may differ from actual product

Multitask with ease for higher productivity with a 101.6 cm (40-inch) diagonal 5K:2K-resolution Ultrawide screen that can be segmented into the equivalent of four 50.8 cm (20-inch) monitors for maximum viewing and minimal toggling.

With a 101.6 cm (40-inch) diagonal 5K:2K-resolution screen, size versus resolution trade offs are over. Multitask with ease and improve productivity with an Ultrawide screen that can be segmented into the equivalent of four 50.8 cm (20-inch) monitors so users can view all of their projects, more lines of code, and bigger spreadsheets with minimal toggling and scrolling.

1.07 Billion Colors Realistically Displayed².

Remove the barriers between you and your screen with vivid, life-like and always accurate colors and details. Factory-calibrated for color accuracy out-of-the-box, this monitor delivers 100% sRGB and 98% DCI-P3 wide color gamuts¹ so colors like firetruck red match what you see in real life².

A Lifelike Conferencing Experience.

The Zoom Certified Z40c Monitor blurs the line between virtual conference calls and reality. Look and sound true-to-life on video with an integrated pop up and tiltable 4K webcam that puts your face in focus and delivers a clear image in any lighting, while built-in dual noise cancelling microphones and room filling speakers make any space your own private office.

Sustainability in action

Build for a better tomorrow.

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



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Featuring



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.

Zoom Certified.

Because HP met or exceeded all Zoom quality benchmarks, you can be sure our hardware works seamlessly with Zoom's software to deliver an unmatched conferencing experience every time.

Show and Share Content from Two Devices with HP Device Bridge 2.0.

Control two devices copy, paste, drag and drop files or data between them with one keyboard and mouse. View their images side by side or one at a time.³

Only Share When You Want

The integrated webcam pops up when needed and can be pushed down which acts as a kill switch for the camera and mic 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.⁴

Crystal Clear Audio

Built-in mics and speakers that pick up and deliver crystal-clear audio.

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.⁵

Monitors Containing Recycled Materials

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.^{6,7}

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}

Always-on, True Color, Low-Blue Light Filter

HP Eye Ease is an always-on, low-blue light filter that helps keep your eyes comfortable throughout the day by reducing blue light without impacting color accuracy or adding a yellow color shift.

Endless Adjustability

Work effortlessly with 3-way ergonomics that help keep your neck, shoulders, and back comfortable throughout the day. Customize tilt, 150mm height adjust, and swivel settings to fit you, your desk, and your needs.

More Ports. More Flexibility.

More ports means more capabilities. With a USB-C®, HDMI, DisplayPort™, four USB-A 3.0 ports and a USB-B port, you can connect multiple devices like a keyboard and mouse.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—all through the host PC.⁵

Remote Management Reimagined

HP Display Manager makes remote management of the monitor easy. Simplify deployment, asset tracking, and remotely control monitor settings, like turning the power off.¹¹

Dependable Internet Connectivity

Feel confident in your connection with a monitor that connects directly to Ethernet via RJ-45 port for stable internet connection and remote IT manageability.¹¹

3-year Limited Warranty

With these monitors, not only do you get full-conferencing ability, but also peace of mind, with the standard 3-year limited warranty.



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Specifications

Display specifications

Display size
39.7"¹

Display size (diagonal, metric)
100.8 cm (39.7")

Aspect ratio
21:9

Curvature
2500R

Native resolution
WUHD (5120 x 2160)^{1,3}

Resolution (maximum)
WUHD (5120 x 2160 @ 60 Hz)

Resolutions supported
640 x 480; 720 x 400; 800 x 600; 1024 x 768; 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 1440; 2560 x 1600; 3840 x 2160; 4096 x 2160; 5120 x 2160

Panel type
IPS¹

Bezel
3-sided micro-edge

Panel active area
92.92 x 39.20 cm

Panel bit depth
10 bit (8 bit + FRC)

Display color gamut
100% sRGB; 98% DCI-P3; 100% BT.709

Display scan frequency
29-71 Hz (Vertical) 15-134 kHz (Horizontal)

Response time
5ms GtG (with overdrive); 14ms GtG (with overdrive)¹

Brightness
300 nits¹

Contrast ratio
1000:1 (Static)¹ 10000000:1 (Dynamic)¹

Pixel pitch
0.181 mm x 0.181 mm

Pixels per inch (ppi)
139 ppi

Viewing angle
178° (Vertical) 178° (Horizontal)

Backlight type
Edge-lit

Display features
Anti-glare; Height adjustable; Integrated speakers; Curved display; Webcam; HP Eye Ease; Integrated microphone

Display User Control Options
Exit; Information; Language; Management; Power control; Input control; Menu control; Brightness+; Image; Color; Picture-by-Picture

Management software
HP Display Center; HP Display Manager¹¹

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 (bracket included)

Height adjustment range
150 mm

Tilt
-5 to +20°

Swivel
±30°

Pivot
No pivot

Camera
Yes, 13MP

Camera features
Independent tilt -20° to 5°; Windows Hello support (IR Sensor); Pop-up privacy

Microphone
Yes (noise cancelling)

Speaker output power
2 x 5 W

Connectivity and communications

Port and connectors
1 HDMI 2.0
1 DisplayPort™ 1.4
2 Thunderbolt™ 3 (40Gbps signaling rate) with SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
4 SuperSpeed USB Type-A 5Gbps signaling rate
1 RJ-45 (10/100/1000 Mbps)

HDCP
Yes, DisplayPort™ and HDMI

Power supply
100 - 240 VAC 50/60 Hz (Internal)

Power consumption
310 W (maximum), 72 W (typical), 0.5 W (standby) 0.5 W (standby)

Standby mode power demand
0.5 W (standby)

Logistics and Physical

Product color
Black and Silver

Detachable stand
Yes

Physical security
Security lock-ready²

Dimensions without Stand (W x D x H)
94.74 x 14.195 x 44.71 cm

Dimensions with stand (W x D x H)
94.74 x 29.25 x 64.48 cm

Weight
14.3 kg (With stand)

Packaged Dimensions (W x D x H)
107 x 22.6 x 55.8 cm

Packaged weight
20.6 kg

Certification and compliance

Energy efficiency
ENERGY STAR® certified

Ecolabels
EPEAT® registered⁴

Environmental specifications
85% ITE-derived closed loop plastic; Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Designed with recycled metals; Contains Ocean-Bound plastic^{5,6,7,8,9}

Certifications
BIS; BSMI; CB; CCC; CE; cTUVus; EAC; E-standby; FCC; GS Mark; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TUV-S; VCCI; WEEE; ISC; Low blue light; South Africa Energy; UAE; Ukraine certifies; Zoom Certified; Windows Hello

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

Manufacturer Warranty
HP three-year limited warranty

What's in the box
Monitor; DisplayPort™ cable; HDMI cable; VESA Mount adapter; Warranty card; QSP; AC power cord; Color calibration report; Thunderbolt™ cable¹⁰



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Accessories and services (not included)

HP Business PC Security Lock v3 Kit



Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the affordable HP Business PC Security Lock v3 Kit.
Product number: 3XJ17AA

HP B600 Z Display PC Mounting Bracket



Customize an altogether better solution with the HP B600 Z Display PC Mounting Bracket which lets you attach your HP Desktop Mini, HP Chromebox, or select HP Thin Client directly behind select HP Z displays¹/Series 7 Pro monitor².

Product number: 529H3AA

¹ Compatible with the HP Z34c and Z40c Displays only, sold separately.
² Compatible with the following HP Series 7 Pro monitor: 740pm.

HP Quick Release Bracket 2



Use the HP Quick Release Bracket 2 to attach your HP Desktop Mini to an HP display¹ and a variety of stands, arms or wall mounts.² The failsafe "Sure-Lock" mechanism snaps the PC securely in place, and can be further secured with a theft-deterrent security screw.

Product number: 6KD15AA

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Footnotes

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 Number of colors available through A-FRC technology.

³ HP Device Bridge 2.0 works with two computers and is compatible with Windows 10 and higher, MacOS M1 platforms, and up to Ubuntu 18.04 devices.

⁴ Windows Hello requires Windows 10 or higher. Internet connection required for online logins and sold separately.

⁵ Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.

⁶ HP Sustainability Report 2020.

⁷ Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.

⁸ <https://www.greenmatters.com/p/what-percent-recycling-actually-gets-recycled>.

⁹ 100% 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.

¹⁰ Comes with Power Cord and USB-C 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 Lock sold separately.

³ DisplayPort™ 1.4 or HDMI 2.0 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 5120 x 2160 at 60 Hz with 10-bit color using one DisplayPort™, HDMI, or USB Type C* (Alt Mode DisplayPort™).

⁴ 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.

⁵ ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.

⁶ External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.

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 Included cables may vary by country.

¹¹ Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.

