Data sheet

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

Improve productivity with easy multitasking on a 40-inch diagonal 5K:2K-resolution ultrawide screen that can be segmented into the equivalent of four 20-inch monitors for maximum viewing and minimal toggling.

- With a 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 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 Displayed[2].

- 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 gamuts[1] so colors like firetruck red match what you see in real life [2].

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.

Total Control. Totally Connected.

- Streamline your work by connecting and viewing content from two PCs with superfast Thunderbolt™ 3 connections that also deliver up to 165W of power—enough to charge two PCs at once. Integrated HP Device Bridge 2.0 lets you control two Windows® and/or Mac® devices from the same keyboard and mouse while maintaining network security with controlled file sharing[3].

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.

HP Z40c G3 WUHD Curved Display Specifications Table

*Product image may differ from actual product

Display size (diagonal, metric)	100.8 cm (39.7")
Display type	IPS[1]
Panel active area	92.92 x 39.20 cm
Brightness	300 nits[1]
Contrast ratio (static)	1000:1[1]
Contrast ratio (dynamic)	10000000:1
Response ratio	5ms GtG (with overdrive); 14ms GtG (with overdrive)[1]
Product color	Black and Silver
Aspect ratio	21:9
Backlight type	Edge-lit
Detachable stand	Yes
Curvature	2500R
Native resolution	WUHD (5120 x 2160)[1,3]
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
Display features	Anti-glare; Height adjustable; Integrated speakers; Curved display; Webcam; HP Eye Ease; Integrated microphone
User controls	Exit; Information; Language; Management; Power control; Input control; Menu control; Brightness+; Image; Color; Picture-by-Picture
Ports and connectors	USB Type-C® video input: 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); 1 HDMI 2.0; 1 DisplayPort™ 1.4; 4 SuperSpeed USB Type-A 5Gbps signaling rate; 1 RJ-45 (10/100/1000 Mbps)
HDCP	Yes, DisplayPort™ and HDMI
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
Certified collaboration software	Zoom
Windows Hello compatible	Yes
Multimedia	Integrated speakers
Environmental	Operating temperature: 5 to 35°C Operating humidity: 20 to 80% non-condensing
Power	100 - 240 VAC 50/60 Hz
Power consumption	310 W (maximum), 72 W (typical), 0.5 W (standby)
Dimensions	94.74 x 14.195 x 44.71 cm (Without stand.)
Weight	14.3 kg (With stand)
Physical security features	Security lock-ready[2]
Ecolabels	EPEAT® registered[4];
Energy star certified (series fixed)	ENERGY STAR® certified
Certification and compliance	BIS; BSMI; CB; CCC; CE; CECP; CEL; CEL Grade 1; cTUVus; EAC; ENERGY STAR®; E-standby; FCC; GS Mark; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TCO Certified; TUV-S; VCCI; WEEE; ISC; Low blue light; South Africa Energy; UAE; Ukraine certificates; Zoom Certified; Windows Hello
Sustainable impact 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]
What's in the box	Monitor; DisplayPort™ cable; HDMI cable; VESA Mount adapter; Warranty card; QSP; AC power cord; Color calibration report; Thunderbolt™ cable[10]
Pixels per inch (ppi)	139 ppi
Panel bit depth	10 bit (8 bit + FRC)
Vertical viewing angle	178°
Horizontal viewing angle	178°
Bezel	3-sided micro-edge
Swivel	±30°
Tilt	-5 to +20°
Pivot	No pivot
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 (TÜV Low Blue Light Hardware Solution certified)
Display scan frequency (vertical)	29-71 Hz
Display scan frequency (horizontal)	15-134 kHz
Pixel pitch	0.181 mm x 0.181 mm
Display color gamut	100% sRGB; 98% DCI-P3; 100% BT.709
Speakers	2
Management software	HP Display Center; HP Display Manager[11]
Ethernet	1 RJ-45 (10/100/1000 Mbps)

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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

Attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select HP Z Displays with the HP B600 Z Display PC Mounting Bracket.
Product number: 529H3AA
[1] Sold separately. See product QuickSpecs for exact device and display compatibility.

HP Quick Release Bracket 2

Use the HP Quick Release Bracket 2 to attach your HP Desktop Mini to an HP display[1] 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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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.

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