Datasheet

HP Z34c G3 WQHD Curved Display

Stay Immersed in Ideas.

Have room to develop your ideas with the meticulously crafted ultrawide QHD Z34c Curved Display that brings your work to life with sharp screen clarity and remarkable color accuracy. And show off your projects with confidence on a Zoom Certified monitor that has an integrated 5MP webcam with dual mics, and front-firing speakers.



*Product image may differ from actual product

See More. Do More.

Increase productivity with the ability to see all of your projects on one expansive and accurate screen with this ultrawide QHD 34-inch curved display. Plus with HP Display Center[1] you can customize your partition for a seamless split screen.

Every Detail and Color, Perfectly Displayed.

Be confident that the color on screen matches what you see in real life with a 99% sRGB and 85% DCI-P3 color gamut and factory color calibration[2] that makes any color difference indistinguishable to the human eye.

Present Your Best Self.

Feel confident on every video conference call with a Zoom Certified monitor that undergoes over 200 of Zoom's rigorous audio and video quality benchmarks to deliver a reliable conferencing experience. Keep your face in focus and always be heard clearly with an integrated pop-up 5MP tiltable webcam that has built-in noise-cancelling mics and front-firing speakers that deliver rich clear sound.

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 any color difference indistinguishable to the human eye.[4]

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.

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.[5]

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.[1]

Two Computers. One Screen.
Running two computers and want to display both on one monitor at the same time? No problem. With Picture By Picture (PBP), it's easy.[3]

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]

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.[7]

Increased Energy Efficiency
HP is committed to slowing global warming by minimizing the energy our monitors consume to help reduce energy demand and decrease CO2 emissions.[8]

Crystal Clear Audio
Always be heard clearly with an integrated webcam that has noise-cancelling mics and built-in front-firing 2 x 5W speakers with 200Hz of bass roll off that deliver crystal-clear audio straight to you—so you'll never miss a word.

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

Endless Adjustability
With 3-way adjustability you can customize tilt, height adjust, and swivel settings to fit you, your desk, and your needs.

More Ports. More Flexibility.
Packed with ports including USB-C®, HDMI 2.0, DisplayPort™ 1.4, RJ-45, four USB-A 3.0 ports and a USB-B port.[9]

Comfortably Curved Screen
A deeper curve delivers an expansive field of view and comfortable viewing angle.

Personalized and Protected
Personalize brightness and color settings or set up security protocols all without the OSD. With HP Display Center installed, you have the control.[1]

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.[10]

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.[10]

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
34"[1]
Display size (diagonal, metric)
86.36 cm (34")
Aspect ratio
21:9
Curvature
1900R
Native resolution
WQHD (3440 x 1440)[1,5]
Resolution (maximum)
WQHD (3440 x 1440 @ 60 Hz)
Resolutions supported
640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440; 3440 x 1440
Panel type
IPS[1]
Bezel
3-sided borderless
Panel active area
79.98 x 33.48 cm
Panel bit depth
10 bit (8 bit + FRC)
Display colors
Up to 1.07 billion colors supported
Display color gamut
99% sRGB; 85% DCI-P3; 99% BT.709
Display scan frequency
59-61 Hz (Vertical) 88-90 kHz (Horizontal)
Response time
6ms GtG (with overdrive)[1]
Brightness
350 nits[1]
Contrast ratio
1000:1 (Static)[1] 10000000:1 (Dynamic)[1]
Pixel pitch
0.2325 mm x 0.2325 mm
Pixels per inch (ppi)
110 ppi
Viewing angle
178° (Vertical) 178° (Horizontal)
Backlight type
Edge-lit
Display features
Height adjustable; Integrated speakers; Curved display; Webcam; HP Eye Ease
Display User Control Options
Exit; Information; Language; Management; Power control; Input control; Menu control; Brightness+; Image; Color
Management software
HP Display Center; HP Display Manager[6]
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 +10°
Swivel
±30°
Camera
Yes, 5MP
Camera features
Independent tilt -20° to 5°; Windows Hello support (IR Sensor); Pop-up privacy
Microphone
Yes (echo cancelling)
Speaker output power
2 x 5 W

Connectivity and communications

Port and connectors
1 HDMI 2.0
1 DisplayPort™ 1.4
1 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 USB-B
1 RJ-45 (10/100/1000 Mbps)
HDCP
Yes, DisplayPort™ and HDMI
Power supply
90 – 265 VAC 47/63
(Internal)
Power consumption
250 W (maximum), 60 W (typical), 0.5 W (standby)

Logistics and Physical

Product color
Black and Silver
Detachable stand
Yes
Physical security
Security lock-ready[2]
Dimensions without Stand (W x D x H)
81.38 x 10.5 x 38.92 cm
Dimensions with stand (W x D x H)
81.38 x 27.25 x 58.52 cm
Weight
11.1 kg (With stand)
Packaged Dimensions (W x D x H)
95.2 x 22.6 x 50.4 cm
Packaged weight
16.6 kg

Certification and compliance

Energy efficiency
ENERGY STAR® certified
Ecolabels
EPEAT® registered[3]
Environmental specifications
80% post-consumer recycled plastic; Low Halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Contains Ocean-Bound plastic; Recycled Plastic cushions[4,7,8,9,10,11]
Certifications
BSMI; CB; CCC; CE; CEL; EAC; FCC; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TUV/Ergo; TUV-S; UL/CSA; VCCI; WEEE; ISC; Low blue light; CEL Grade 3; ICE; ErP LOT5[12]
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; USB Type-A to B cable; QSP; 1 USB Type-C® to Type-C cable; AC power cord; Color calibration report

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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.

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Footnotes

Messaging Footnotes

[1] HP Display Center requires Windows 10 (or higher) on host PC and is available from the Windows store.
[2] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[3] For KVM compatibility, if connected PCs do not have USB-C® port, user will need a USB-C® to A cable. Sold separately.
[4] Number of colors available through A-FRC technology.
[5] Windows® Hello requires Windows 10 or higher. Internet connection required for online logins and sold separately.
[6] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
[7] 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.
[8] HP Sustainability Report 2020 and HP Displays Sustainability Story 2021.
[9] Comes with USB-C®, HDMI, DisplayPort™ cables and Power Cord.
[10] 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 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 3440 x 1440 at 60 Hz with 10-bit color using one DisplayPort™, HDMI, or USB Type C® (Alt Mode DisplayPort™).
[6] HP Display Center requires Windows 10 (or higher) on host PC and is available from the Windows store.
[7] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[8] Percentage of ocean-bound plastic contained in each component varies by product.
[9] Molded pulp cushions are made from 100% recycled wood fiber and organic materials.
[10] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[11] Plastic cushions are made from >90% recycled plastic.
[12] Monitors produced from June 2024 comply with China regulation GB 21520-2023.

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