

HP Z32k G3 4K USB-C Displays

The Power to Make it Real

See ultimate potential before it's real with the ultra-powerful and stunningly precise, HP Z32k G3 4K UBS-C Display. Powered by the uncompromising capabilities of Thunderbolt™ 4, experience anything from CAD drawings to product renders in tangible, lifelike detail with IPS Black technology and 4K resolution.



*Product image may differ from actual product

Color that Rivals Reality

View every detail as if it's true-to-life with captivating color contrast on this precise 4K¹, 80 cm (31.5 inch) diagonal display. Through the cutting-edge IPS Black panel, dive into deeper shadows and richer hues with twice the contrast of a traditional IPS panel. Combined with VESA Display HDR™ 400, wide 98% P3 color gamut, and ultimate color accuracy, what you see on screen rivals reality.

Unleash the Power of Thunderbolt™ 4

Transform your desk into a productivity powerhouse with this Thunderbolt™ 4 display². Through a single cable, drive 4K resolution at 60Hz, daisy chaining support for a second 4K monitor, as well as high speed data and internet³—all while charging your device up to 100W—without compromising an ounce of speed.

Seamless Control

Designed with intelligent controls, this display gets you working quickly and multi-tasking efficiently. Instantly wake your display and PC with Single Power On⁴. And when you're multi-tasking between two devices, simply use the built-in KVM switch to control both with just a single keyboard and mouse.

Sustainability in action

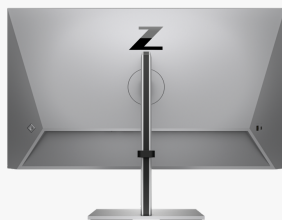
Uncompromising Commitment to the Planet

To help conserve natural resources, reduce waste sent to landfills, and lower energy consumption, we use recycled materials in our monitors. The HP Z32k G3 4K USB-C Display contains 85% recycled plastics and 5% ocean-bound plastics⁵, while the stand contains 90% recycled aluminum to reduce the amount of raw materials we use. It's all part of our commitment to help slow climate change and protect our world.



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Featuring



IPS Black Technology

View every angle of every visual with amazing depth and clarity through the stunning 2,000:1 contrast ratio—twice that of a traditional IPS panel—and ultra-wide viewing angles.⁶

4K Resolution

Get lost in the captivating definition and ultra-precise details of 4K resolution. The pixel dense 3840 x 2160 resolution expands your workspace and transforms all your content into a remarkable, lifelike experience.¹

31.5-inch Diagonal Screen

Dive in and accomplish more on a massive 31.5-inch diagonal screen framed by a 4-sided, virtually borderless bezel.

VESA Display HDR400

Replicate reality on your screen and enjoy watching HDR media with VESA Display HDR400 for enhanced contrast, deeper shadows, and brighter highlights.

Wide Color Gamuts

When your color needs are critical, rely on 100% sRGB for ideal color reproduction and 98% P3 for deeper, lifelike hues.⁶

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.

Thunderbolt™ 4 Technology

Multitask like a pro with a display that supports up to two 4K monitors through superfast Thunderbolt™ 4 technology and delivers 40Gbps data bandwidth for faster inputs.⁷

Daisy Chain a Second 4K Monitor

Display even more with DisplayPort™ 1.4 by daisy chaining up to two 4K displays for the ultimate high-def, multi-display setup.

More Ports. More Flexibility.

More ports mean more capabilities. With Thunderbolt™ 4, USB-C® with data and 15W, HDMI 2.0, DisplayPort™ 1.4 In and Out, RJ-45, USB-B, and four USB-A 3.2 ports, you can connect multiple devices like a webcam and keyboard.¹⁶

Dependable Internet Connectivity

RJ-45 port for a stable high speed, 1 Gb internet connection and remote IT manageability.⁸

Single Power On

Instantly turn on your display and laptop, even when the lid is closed, with a single button on the display.

KVM Switch

Boost your productivity when multi-tasking between two different computers simultaneously with the seamless KVM Switch.⁹

Picture By Picture

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.

Endless Adjustability

With 4-way adjustability you can customize pivot, tilt, 150mm height adjust, and swivel settings to fit you, your desk, and your needs.

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

HP Eye Ease keeps you comfortable by reducing blue light without impacting color accuracy.

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.¹⁰

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

Monitors Containing Recycled Materials

The HP Z32k G3 4K USB-C Monitor's plastics contain 85% post-consumer recycled plastics and 5% ocean bound plastics, while the stands contain 90% recycled aluminum to reduce the amount of raw materials we use.⁵

Thoughtful Product Packaging

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.^{12,13,14}

Increased Energy Efficiency

This display is held to the highest energy saving standard with an ENERGY STAR® rating and EPEAT® Registration.¹⁵

Attach Z Speaker Bar & Z2 Mini

Save space by attaching the HP Z2 Mini G9 Workstation with the B550 PC Mounting Bracket and mounting the Z G3 Conferencing Speaker Bar directly to the stand.



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Specifications

Display specifications

Display size
31.5"
Display size (diagonal, metric)
80 cm (31.5")
Aspect ratio
16:9 ¹
Curvature
Flat
Native resolution
4K UHD (3840 x 2160) ^{1,2}
Resolution (maximum)
4K UHD (3840 x 2160 @ 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; 3840 x 2160
Panel type
IPS Black
Bezel
4-sided micro-edge
Panel active area
69.7 x 39.2 cm
Panel bit depth
10 bit (8 bit + FRC)
Display colors
Up to 1.07 billion colors supported ⁴
Display color gamut
100% sRGB; 98% DCI-P3
Display scan frequency
29-60 Hz (Vertical) 30-135 KHz (Horizontal)
Response time
5ms GtG (with overdrive) ¹
Brightness
400 nits ¹
Contrast ratio
2000:1 (Static); ¹ 10000000:1 (Dynamic) ¹
Pixel pitch
0.18 x 0.18 mm
Pixels per inch (ppi)
140 ppi
Viewing angle
178° (Vertical) 178° (Horizontal)
Backlight type
Edge-lit
Display features
On-screen controls; Single Power ON; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease; IPS Black
Display User Control Options
Management; Information; Exit; Input; Color; Image; Power; Menu; Brightness+
Management software
HP Display Center; HP Display Manager ¹²
Remote manageability
Out-of-Band MAC Address Pass Through (MAPT); Out-of-Band Wake on LAN (WoL); PXE Boot
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) ³
Height adjustment range
150 mm
Tilt
-5 to +20°
Swivel
±45°
Pivot
±90
Camera
No integrated camera

Connectivity and communications

Port and connectors
1 HDMI 2.0
1 DisplayPort™ 1.4
1 DisplayPort™ 1.4-out
1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)
1 Thunderbolt™ 4.0 (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 USB-B
1 RJ-45 (10/100/1000 Mbps)
HDCP
Yes, DisplayPort™ and HDMI
Power supply
100 - 240 VAC 50/60 Hz
(Internal)
Power consumption
205 W (maximum), 48 W (typical), 0.5 W (standby) 0.5 W (standby)
Standby mode power demand
0.5 W (standby)

Logistics and Physical

Product color
Black/Silver
Detachable stand
Yes
Physical security
Security lock-ready ¹¹
Dimensions without Stand (W x D x H)
71.35 x 4.7 x 41.59 cm
Dimensions with stand (W x D x H)
71.35 x 21.7 x 60.49 cm
Weight
9 kg (With stand.)
Packaged Dimensions (W x D x H)
81.6 x 18.5 x 50.4 cm
Packaged weight
13.7 kg

Certification and compliance

Energy efficiency
ENERGY STAR® certified G
Environmental specifications
85% ITE-derived closed loop plastic; Low Halogen; Designed with recycled metals; Ocean-bound plastic ^{6,7,8,9}
Certifications
Argentina S-Mark; Australia MEPS; CB; CE; CEL; CEL Grade 1; China CCC; C-Tick; cTUVus; CU; EAC; EUP Lot-5; EUP Lot-6; FCC; ISO 9241-307; KC (Korean) requirements; KCC (Korean) requirements; Microsoft WHQL Certification; NOM (Mexico); PSB for Singapore; RCM; SEPA eco label (China); Taiwan BSMI; TÜV Bauart; TÜV/GS; VCCI; Vietnam MEPS; California Energy Commission (CEC); South Africa Energy; EUP Lot 26; Mexico Energy; UAE; Ukraine certificates; NRCS of South Africa; Belarus Energy; India BIS; Cambodia ISC; IC; NRCS ¹³
Operating temperature range
41 to 95°F
Operating humidity range
20 to 80% RH

Additional information

What's in the box
DisplayPort™ cable; HDMI cable; VESA Mount adapter; Warranty card; USB Type-A to B cable; Quick Setup Poster; AC power cord; Color calibration report; Thunderbolt™ 4 cable ¹⁰



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Accessories and services (not included)

HP Desktop Mini Dual VESA Sleeve v3



Wrap your HP Desktop Mini PC in the HP Desktop Mini Security/Dual VESA Sleeve v3 to securely mount it—with or without an Expansion Module¹—behind your display, position the solution on a wall, and lock it down with the integrated security bracket and optional HP Ultra-Slim Cable Lock.

Product number: 13L67AA

¹ Each sold separately. Expansion Modules are compatible with the HP Desktop Mini Security/Dual VESA Sleeve (G1K22AA) and HP Desktop Mini Dual VESA Sleeve v3 (13L67AA). The HP DM VESA Power Supply Holder Kit and HP DM VESA Quick Deploy Adhesive are only compatible with HP Desktop Mini Dual VESA Sleeve v3 (13L67AA). See product QuickSpecs for exact configurations.

HP B550 PC Mounting Bracket



Customize an altogether better solution with the HP PC B550 Mounting Bracket, which lets you attach your Z Mini Workstation directly behind select HP Z displays¹/Series 7 Pro monitors².

Product number: 16U00AA

¹ Compatible with the following Z displays: Z24f G3, Z24n G3, Z24u G3, Z27q G3, Z27u G3, Z27k G3.

² Compatible with the following HP Series 7 Pro monitors: 724pu, 724pn, 724pf, 732pk.

HP Z G3 Conferencing Speaker Bar



What you say and hear is just as important as what you see on conference calls. If you are looking for clearer, richer sound along with style and flexibility, look no further than the Z G3 Conferencing Speaker Bar to improve your audio experience¹.

Product number: 32C42AA

¹ Mounting is compatible only for the HP 724pf Display, HP 724pn Display, HP 724pu Display, HP 732pk Display, HP Z24f G3 Display, HP Z24n G3 Display, HP Z24u G3 Display, HP Z27q G3 Display, HP Z27u G3 Display, HP Z27k G3 Display, HP Z25xs G3 Display, HP Z27xs G3 Display.

² Must paired with Z G3 Conferencing Speaker Bar Stand (74N60AA) to be compatible with selected Series 7 Pro monitors 727pq, 727pu and 727pk.

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 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 4K content require to view in 4K resolution.

² SuperSpeed USB 20Gbps is not available Thunderbolt™ 4. For full Thunderbolt™ 4 functionality, host PC must support Thunderbolt™ 4.

³ Display supports 1 Gb ethernet speed. Host PC requires infrastructure to support 1Gb ethernet speeds.

⁴ Single Power On only compatible with HP PCs with Windows 10 or higher.

⁵ 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% post-consumer recycled plastics + 5% Ocean-Bound Plastics (PET).

⁶ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.

⁷ For full Thunderbolt™ 4 functionality, host PC must support Thunderbolt™ 4.

⁸ HP Display Manager software agent must be running on a web server and host PC. Some limitations may apply to legacy monitors.

⁹ For KVM compatibility, if connected PCs do not have USB-C® port, user will need a USB-C® to A cable. Sold separately.

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

¹¹ HP Display Manager software agent must be running on a web server and host PC. Some limitations may apply to legacy monitors.

¹² <https://www.greenmatters.com/p/what-percent-recycling-actually-gets-recycled>

¹³ 100% 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.

¹⁴ Recycling facilities not available in all locations.

¹⁵ Based on US EPEAT® registration according to IEEE 1680.1-2020 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

¹⁶ Comes with AC power cord, HDMI 2.0 cable, USB 3.0 A-B cable, USB 3.2 C-C Thunderbolt™ 4 cable, and DisplayPort™ 1.4 cable. All other cables sold separately.

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™ 1.4 or HDMI 2.0 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 3840 x 2160 at 60 Hz with 10-bit color using one DisplayPort™, HDMI or USB-C® (DP alt mode). The video card of the connected PC must be capable of supporting 3840 x 2160 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the Preferred Mode.

³ Mounting hardware sold separately.

⁴ Number of colors through A-FRC technology.

⁵ 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.

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

⁷ ITE Derived Closed Loop Plastic 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 Percent of recycled metal varies by product.

¹⁰ Included cables may vary by country.

¹¹ Lock sold separately.

¹² HP Display Center requires Windows 10 (or higher) on host PC and is available from the Windows store.

¹³ Monitors produced before June 1st 2024 comply with China regulation GB 21520-2015.

