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 | *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 4K[1], 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 display[2]. Through a single cable, drive 4K resolution at 60Hz, daisy chaining support for a second 4K monitor, as well as high speed data and internet[3]—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 On[4]. 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.

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 plastics[5], 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.

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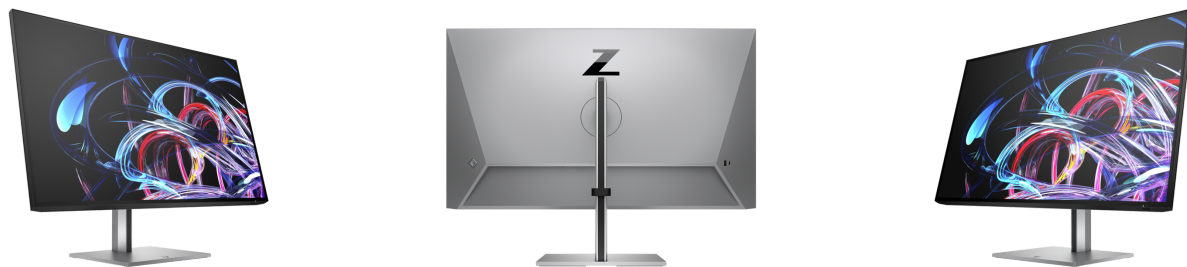
Increased Energy Efficiency
This display is held to the highest energy saving standard with an ENERGY STAR® rating and EPEAT® Registration.[15]

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.

HP Z32k G3 4K USB-C Displays Specifications Table

*Product image may differ from actual product

Display type	IPS Black
Panel Active Area	69.7 x 39.2 cm
Brightness	400 nits[1]
Contrast ratio	2000:1[1]
Response Ratio	5ms GtG (with overdrive)[1]
Product colour	Black/Silver
Aspect ratio	16:9[1]
Native resolution	4K UHD (3840 x 2160)[1,2]
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
Display features	On-screen controls; Single Power ON; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease; IPS Black
User controls	Management; Information; Exit; Input; Color; Image; Power; Menu; Brightness+
Display size (diagonal, metric)	80 cm (31.5")
Ports and Connectors	USB Type-C® video input: 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); 1 HDMI 2.0; 1 DisplayPort™ 1.4; 1 DisplayPort™ 1.4-out; 4 SuperSpeed USB Type-A 5Gbps signaling rate; 1 USB-B; 1 RJ-45 (10/100/1000 Mbps)
HDCP	Yes, DisplayPort™ and HDMI
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 20 to 80% RH;
Power	100 - 240 VAC 50/60 Hz
Power consumption	180 W (maximum), 35 W (typical), 0.5 W (standby)
Dimensions	71.35 x 4.7 x 41.59 cm (Without stand.)
Weight	9 kg (With stand.)
Physical security features	Security lock-ready[11]
Ecolabels	TCO Certified configurations available; EPEAT® registered[5]; ENERGY STAR® certified
Certification and compliance	Argentina S-Mark; Australia MEPS; CB; CE; CEL; CEL Grade 1; China CCC; China CECP; C-Tick; cTUVus; CU; EAC; ENERGY STAR®; EUP Lot-5; EUP Lot-6; FCC; ISO 9241-307; KC (Korean) requirements; KCC (Korean) requirements; Korea e-standby; Microsoft WHQL Certification; NOM (Mexico); PSB for Singapore; RCM; SEPA eco label (China); Taiwan BSMI; TCO Certified; TCO Certified Edge; TUV Bauart; TUV/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
Sustainable impact specifications	85% ITE-derived closed loop plastic; Low Halogen; Designed with recycled metals; Ocean-bound plastic[6,7,8,9]
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]
Pixels per inch (ppi)	140 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)[3]
Hardness	3H
Screen treatment	Anti-glare
Flicker-free	Yes
Low blue light modes	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Energy efficiency class	G
Display scan frequency (vertical)	29-60 Hz
Display scan frequency (horizontal)	30-135 KHz
Pixel pitch	0.18 x 0.18 mm
Display colors	Up to 1.07 billion colors supported[4]
Display Color Gamut	100% sRGB; 98% DCI-P3
Management software	HP Display Center; HP Display Manager[12]

HP Z32k G3 4K USB-C Displays

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 Module[1]—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

HP B550 PC Mounting Bracket

Customize an altogether better solution with the HP Z PC Mounting Bracket for Z Displays, which lets you attach a Z Mini Workstation directly behind select Z Displays[1]
Product number: 16U00AA

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 with the included stand to improve your audio experience.
Product number: 32C42AA

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 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

HP Z32k G3 4K USB-C Displays

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, HDMI2.0 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 HDMI2.0 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.

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