



HyperX OMEN OLED 34 inch WQHD 360Hz Gaming Monitor - OMEN OLED 34 (C49PPAA)

Overview

Game Boldly, Create Confidently

Have you ever felt like you were stuck between choosing a monitor for high-performance gaming or professional-grade creative projects, but never both? You can have the high refresh rate, but the colors will look flat and dull. You can have the vivid worlds, but you'll have snail-like reaction times. That's something we took personally, so we set out to create a monitor that's just as comfortable handling gunfights and gorgeous AAA worlds as it is filmmaking, game development, and graphic design. What we ended up with is the new HyperX OMEN OLED 34, which with a 360 Hz refresh rate, 0.03 ms response time, our professional-grade ProLuma color accuracy, and elite burn-in protections, gives you everything you need in a single monitor.[1]



OLED You Can Trust

OLED looks gorgeous with its vibrant colors and rich contrast, but it's been hard to trust OLED gaming monitors due to the fear of burn-in and text-fringing. That's why our latest 34" monitor has a new 360 Hz QD-OLED™ Penta Tandem panel with V-Stripe, which eliminates text-fringing and is 30% brighter and more energy efficient, all backed by HyperX OLED Core Protect and our 3-year (limited) warranty for complete burn-in protection.[1,2]

Customize Your Gaming Space

Given the amount of time you spend in your gaming setup, you deserve to have it feel just right. With the HyperX OMEN OLED 34 you can painlessly tweak your settings with our full graphics on-screen display, adjust your RGB lighting to fit your preferred aesthetic, and rest your headset on our convenient 3D-printable hook. [3]



Game and Create like a Pro

Whether you're a gamer or creator, manually having to switch between setups is a pain. With our new HyperX OMEN OLED 34, however, you get the best of all worlds. Our ProLuma panel, calibrated to an average Delta E < 1, for professional-grade color accuracy, a KVM switch to swap between setups instantly, and up to 100W USB-C power delivery for maximum flexibility.[1]



We're in this Together

It matters. With 100% recyclable packaging solutions,[4] 85% post-consumer recycled plastic in monitor's enclosure, including ocean bound plastic,[5] at least 10% recycled metal, including 10% recycled steel and 90% recycled aluminum in the stand,[6] and 20% recycled glass in monitor's panel,[7] we are in this together.[8]

Features

QD-OLED™ Penta Tandem

QD-OLED™ Penta Tandem with V-Stripe brings significant improvements to QD-OLED, increasing energy efficiency, peak brightness by 30%, doubling the lifespan, and reducing text fringing.^[1]

HyperX ProLuma Display

HyperX's ProLuma displays guarantee professional-grade color accuracy and performance across multiple color spaces, providing the best gaming and creating experiences possible.^[1]

VESA DisplayHDR TrueBlack 500

Unparalleled quality and contrast with VESA DisplayHDR™ True Black 500 ensures true-to-life visuals with deep blacks and advanced colors.^[9]

360 Hz Refresh Rate

When every moment counts, a lightning-fast 360 Hz refresh rate practically removes all artifacting and motion blurring for gameplay that's incredibly crisp and responsive.^[1]

1800R Curvature

By bringing the sides of the display closer, the curved screen provides an immersive gaming experience with a panoramic field of view that wraps around peripheral vision.

NVIDIA G-Sync compatible

Enjoy variable refresh rates with NVIDIA® G-SYNC® compatibility, tested and certified to deliver gameplay that is sharp, fluid, and stutter-free with minimal input lag.

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

[2] HyperX OLED CoreProtect protects your OLED monitor against burn-in and color shift but does not guarantee burn-in or color shift will not occur. Burn-in is covered under the 3-year limited warranty.

[3] HP is not responsible for any damage to devices or monitors resulting from failed 3D prints, user-generated designs, or misuse of the headphone hook. Use at your own discretion.

[4] 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.

[5] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard.

[6] Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.

[7] Percentage of recycled glass in the monitor panel varies by product. Recycled glass is expressed as a percentage of the total weight of the glass.

[8] Recycling facilities not available in all locations.

[9] DisplayHDR™ is the high-performance Monitor and Display Compliance Test Specification from VESA specifying HDR (High Dynamic Range) quality. See <http://displayhdr.org> for more details.

Specifications

Color	Black
Display Size (diagonal)	34.92"
Panel Technology	QD-OLED
Display Size (diagonal, metric)	88.7 cm (34.92")
Aspect Ratio	21:9 ^[1]
Native Resolution	WQHD (3440 x 1440) ^[1,2]
Resolutions Supported	640 x 480 @ 60 Hz; 720 x 400 @ 70 Hz; 800 x 600 @ 60 Hz; 1024 x 768 @ 60 Hz; 1280 x 800 @ 60 Hz; 1280 x 1024 @ 60 Hz; 1440 x 900 @ 60 Hz; 1600 x 900 @ 60 Hz; 1680 x 1050 @ 60 Hz; 1920 x 1080 @ 60 Hz; 1920 x 1080 @ 240 Hz; 1920 x 1200 @ 60 Hz; 2560 x 1440 @ 240 Hz; 2560 x 1440 @ 360 Hz; 3440 x 1440 @ 60 Hz; 3440 x 1440 @ 120 Hz; 3440 x 1440 @ 240 Hz; 3440 x 1440 @ 360 Hz
Pixel Pitch	0.2315 x 0.2315 mm ^[1]
Brightness (typical)	300 nits ^[1]
Display Contrast Ratio (Static)	1,500,000:1 ^[1]
Response Time (Typical)	0.03ms GtG ^[1]
Product Dimensions (metric)	81.44 x 14.84 x 35.93 cm (without stand)
Product Dimensions (imperial)	32.06 x 5.84 x 14.15 in (without stand)
Product Dimensions (with stand metric)	81.44 x 23.72 x 58.52 cm
Weight (metric)	9.61 kg (with stand); 6.43 kg (without stand)
Weight (imperial)	21.19 lb (with stand); 14.18 lb (without stand)
Display Features	Height adjustable; Tilt; Swivel ^[1]
Onscreen Controls	Input; Power; Gaming; External lighting; Picture presets
Display Colors	Up to 1.07 billion colors supported ^[1]
Display Scan Frequency (horizontal)	30-623 kHz ^[1]
Display Scan Frequency (vertical)	48-360 Hz ^[1]
Camera	No integrated camera
Power Supply Required	100 - 240 VAC 50/60 Hz
Power Consumption Description	300 W (maximum); 90 W (typical) ^[5]
Operating Temperature Range (celsius)	5 to 35°C
Operating Humidity Range	20 to 80% RH (non-condensing)
Sustainable Impact Specifications	At least 10% recycled metal; At least 90% recycled aluminum in the stand; Contains ocean-bound plastic; Contains 20% recycled glass in the monitor panel; Outside box and corrugated cushions are 100% from certified or recycled sources and recyclable; At least 85% post-consumer recycled plastic in the monitor's enclosure; Low halogen
Certifications and Compliances	Argentina S-Mark; Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CEL; cTUVus; EAC; FCC; ICES; ISO 9241-307; KC; KCC; NOM; PSB; TUV/GS; VCCI; Vietnam MEPS; WEEE; EU RoHS; California Energy Commission (CEC); WW application; NRCS of South Africa; Eyesafe® Certified; TÜV Flicker free certified; Cambodia ISC; Ukraine EE; TÜV Low Blue Light Hardware Solution certified; UAE safety; UAE RoHS; Korea MEPS; Ukraine safety; Australian-New Zealand DoC; Mexico LTE; UK RoHS
Management Software	OMEN Gaming Hub
UPC Number	(A2K) 199485713311; (A2N) 199485713328; (AB0) 199485713335; (AB1) 199485713342; (AB2) 199485713359; (AB4) 199485713366; (ABA) 199485713373; (ABB) 199485713380; (ABG) 199485713397; (ABJ) 4573620055140; (ABT) 199485713403; (ABU) 199485713410; (ABV) 199485713427; (ABY) 199485713434; (ACJ) 199485713014; (ACQ) 199485713021; (AKL) 199485713038; (AR6) 199485713045; (UUF) 199485713052; (UUG) 199485713069; (UUZ) 199485713076
Manufacturer Warranty	HP three-year limited warranty ^[4]
What Is In The Box	Monitor; HDMI cable; Warranty card; Power adapter; USB Type-B to A cable; AC power cable; Quick Setup Poster; 1 USB Type-C® to Type-C cable; DisplayPort™ 1.4 cable; Cable holder; Stand base; Color calibration report; Headphone hook ^[3]

Additional specifications

Audio Port	1 x 3.5 mm Audio Jack (Audio Out)
Base Area Footprint (imperial)	10.82 x 8.85 in
Base Area Footprint (metric)	27.48 x 22.48 cm
Bezel	3-sided borderless
Curvature	1800R
Datasheet Photo 01	https://prismui-int.inc.hpincorp.net/PRO.Crystal.1/DAMHandler/Accessories/Samus_34C_Display_Hook_JetBlack_Catalog_Front_6312650.png
Datasheet Photo 02	https://prismui-int.inc.hpincorp.net/PRO.Crystal.1/DAMHandler/Accessories/Samus_34C_Display_Hook_JetBlack_Catalog_FrontRight_6312551.png
Datasheet Photo 03	https://prismui-int.inc.hpincorp.net/PRO.Crystal.1/DAMHandler/Accessories/Samus_34C_Display_Hook_JetBlack_Catalog_Rear_6312261.png
Datasheet Photo 04	https://prismui-int.inc.hpincorp.net/PRO.Crystal.1/DAMHandler/Accessories/Samus_34C_Display_Hook_JetBlack_Catalog_RightProfile_6312505.png
Detachable Stand	Yes
Display Area (imperial)	31.5 x 13.3 in
Display Area (metric)	80.01 x 33.71 cm
Display Color Gamut	100% sRGB; 98% Adobe RGB; 99% Display P3 ^[1]
DisplayPort™	1 DisplayPort™ 1.4
Ecolabels	CEL Grade 3; Ukraine EE; Belarus EE; Korea MEPS; California CEC
Energy Efficiency Class	G
Energy Efficiency Class Logo	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c07055648.png
Flicker-Free	Yes (TÜV certified)
HDCP	Yes, DisplayPort™ and HDMI
HDMI	2 HDMI 2.1
HDR	VESA DisplayHDR™ True Black 500
Hardness	3H ^[1]
Height Adjustment Range	100 mm
Horizontal Viewing Angle	178°
Layers Per Pallet	Slip sheet: 5 layers (20 ft, 40 ft, 40 ft HQ); Pallet: 4 layers (20 ft, 40 ft), 5 layers (40 ft HQ)
Low Blue Light Modes	Eyesafe® and TÜV certified ^[1]
Non-operating Altitude (imperial)	Up to 40,000 ft
Non-operating Altitude (metric)	Up to 12,192 m

Non-operating Humidity Range	5 - 95%
Non-operating Temperature - Celsius	-40 to 65°C
Non-operating Temperature - Fahrenheit	-40 to 149°F
On mode Power Demand in Standard Dynamic Range (SDR)	32 W
Operating Altitude (imperial)	Up to 16,400 ft
Operating Altitude (metric)	Up to 5,000 m
Operating Temperature Range (fahrenheit)	41 to 95°F
Package Dimensions (imperial)	37.64 x 7.76 x 17.96 in
Package Dimensions (metric)	95.6 x 19.7 x 45.6 cm
Package Weight (imperial)	36.36 lb
Package Weight (metric)	16.49 kg
Pallet Dimensions (imperial)	Slip sheet: 47.4 x 39.37 x 72.29 in (20 ft, 40 ft), 47.4 x 39.37 x 90.75 in (40 HQ); Pallet: 47.4 x 39.37 x 77.6 in (20 ft, 40 ft), 47.4 x 39.37 x 95.67 in (40 HQ)
Pallet Dimensions (metric)	Slip sheet: 120.4 x 100 x 183.6 cm (20 ft, 40 ft), 120.4 x 100 x 230.5 cm (40 HQ); Pallet: 120.4 x 100 x 197.1 cm (20 ft, 40 ft), 120.4 x 100 x 243 cm (40 HQ)
Pallet Weight (imperial)	Slip sheet: 8817.6 lb (20 ft), 18461.3 lb (40 ft), 23077.4 lb (40 HQ); Pallet: 9093.6 lb (20 ft), 19009.1 lb (40 ft), 23716.2 lb (40 HQ)
Pallet Weight (metric)	Slip sheet: 3999.6 kg (20 ft), 8373.9 kg (40 ft), 10467.7 kg (40 HQ); Pallet: 4124.8 kg (20 ft), 8622.4 kg (40 ft), 10757.5 kg (40 HQ)
Panel Bit Depth	True 10 bit ^[1]
Pixels Per Inch (PPI)	110 ppi ^[1]
Power Supply Type	External
Product Brand Name	HP
Product Caption Image 01	https://hp.widen.net/content/hlo938ppqq/png/HyperXOLED34AnnotatedFront_6603313.png?w=800&h=800&position=c&color=ffffff00&quality=80&u=dlkxlp
Product Caption Image 02	https://hp.widen.net/content/riqhkotyta/png/HyperXOLED34AnnotatedBack_6603850.png?w=800&h=800&position=c&color=ffffff00&quality=80&u=dlkxlp

Product Color Description	Black
Product Dimensions (with stand, imperial)	32.06 x 9.34 x 23.04 in
Product Long Name Specifications	HyperX OMEN OLED 34 inch WQHD 360Hz Gaming Monitor - OMEN OLED 34, 360 Hz, 100% sRGB; 98% Adobe RGB; 99% Display P3, QD-OLED, No integrated camera, Eyesafe® and TÜV certified
Product Short Name Specifications	HyperX OMEN OLED 34 inch WQHD 360Hz Gaming Monitor - OMEN OLED 34, 360 Hz, 100% sRGB; 98% Adobe RGB; 99% Display P3, QD-OLED
Productivity Features Included	KVM switch; Picture-by-Picture; Picture-in-Picture
Products Per Pallet	Slip sheet: 30 sets (20 ft, 40 ft, 40 ft HQ); Pallet: 24 sets
Products per Pallet Layer	6 sets per layer
Refresh Rate (maximum)	360 Hz
Resolution (maximum)	WQHD (3440 x 1440 @ 360 Hz) ^[1]
Screen Treatment	Anti-reflective
Stand Color	Black
Stand Type	With stand; Height adjustable stand
Standby Mode Power Demand	0.5 W
Swivel	±30° ^[1]
Technology Logo 01	https://hp.widen.net/content/vdn1agxbug/png/NVIDIA%20G-Sync.png?w=400&h=400&position=c&color=ffffff00&quality=80&u=dlkxlp
Technology Logo 02	https://hp.widen.net/content/6bkbm4yssh8/png/VESA%20Certified%20AdaptiveSync_M0197524.png?w=400&h=400&position=c&color=ffffff00&quality=80&u=dlkxlp
Technology Logo 03	https://hp.widen.net/content/imeu7ajnmh/png/QPentaTandem.png?w=400&h=400&position=c&color=ffffff00&quality=80&u=6ydqxt
Technology Logo 04	https://hp.widen.net/content/5yyl6jkzii/png/HDR%20True%20Black%20500.png?w=400&h=400&position=c&color=ffffff00&quality=80&u=6ydqxt
Technology Logo 05	https://hp.widen.net/content/wtfcjemu9a/png/VSA-2201_ClearMR_CMYK_RTV_CM18000_PRIMARY.png?w=400&h=400&position=c&color=ffffff00&quality=80&u=6ydqxt
Technology Logo 06	https://hp.widen.net/content/grzcywpr9g/png/OGH.png?w=400&h=400&position=c&color=ffffff00&quality=80&u=dlkxlp
Technology Logo 08	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08829160.png
Technology Logo 10	https://hp.widen.net/content/lwt7wsfkxi/png/aRGB.png?w=400&h=400&position=c&color=ffffff00&quality=80&u=6ydqxt
Tilt	-5 to +20°
UNSPSC Code	43211902
USB A	2 USB Type-A 5Gbps signaling rate
USB B (Hub Enablement)	1 USB-B
USB Type-C® Video Input	1 USB Type-C® 5Gbps signaling rate (Up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
VESA Mounting	100 x 100 mm (bracket included)
Vertical Viewing Angle	178°

Viewable Diagonal Size	34" (86.4 cm)
-----------------------------------	---------------

[1] All performance 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 2.0¹ required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 2560 x 1400 at 500 Hz with true 10 bit color using one DisplayPort™, HDMI.

[3] Included cables may vary by country.

[4] Please refer to the warranty card supplied with the product for details. Warranty may vary by country as required by law. Go to hp.com/support to learn about HP award winning service and support options in your region.

[5] Maximum brightness and contrast setting with maximum power loading on USB downstream ports (for power consumption maximum); Factory default brightness and contrast setting with 25% power loading on USB downstream ports (for power consumption typical).

Accessories for PC

Stands/Mounting Brackets

★ : Recommended

Mounting Brackets

HP B560 PC Mounting Bracket	763U8AA
HP Quick Release Bracket 2	6KD15AA

Stands

HP Quick Release Monitor Single Arm	762U0AA
-------------------------------------	---------

Security

Security Cables

HP Business PC Security Lock v3 Kit	3XJ17AA
-------------------------------------	---------

Audio Devices

PC Speakers

HP Z G3 Conferencing Speaker Bar	32C42AA
Z G3 Conferencing Speaker Bar Stand	74N60AA

Disclaimer — Copyright

© Copyright 2026 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Generated by Dynamic Collateral Tool – (ww-en) – Apr 21, 2026 11:54 AM UTC+0000