

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



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,



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]

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]

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]

Featuring

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]

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]

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]

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.

VESA DisplayHDR TrueBlack 500

Unparalleled quality and contrast with VESA DisplayHDR™ True Black 500 ensures true-to-life

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]

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

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] 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.
- [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.

Technical Specifications Footnotes

- [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).

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