HyperX OMEN OLED 27 inch QHD 240Hz Gaming Monitor - OMEN OLED 27q

Level Up Gameday with HyperX OLED

Transform your everyday gaming experience with OLED quality on the HyperX OMEN OLED 27q. Bringing premium OLED screen to the mainstream, this QHD 240 Hz monitor is backed by HyperX burn-in protections, factory color calibration, and software features only found with a HyperX monitor.



*Product image may differ from actual product

OLED PERFORMANCE

Experience next-level immersion with this stunning 27-inch OLED monitor. Get the most out of your games with the sharp QHD resolution, 240 Hz refresh rate, and .03ms response time. Factory color calibration delivers vivid, immersive color accuracy and deep contrast creating a truly captivating gaming experience, highlighting every detail.[1,2]

ALL DAY PLAY

OLED panels provide amazing front-of-screen visuals, and the HyperX OMEN OLED 27q is no exception. NVIDIA® G-SYNC® technology delivers sharp, stutter-free gameplay with minimal input lag. Plus, HyperX OLED Core Protect reduces the risk of burn-in, enabling gamers to enjoy their favorite content all day worry free.

ERGONOMICS

Whether you're gaming, streaming, or creating, your monitor needs to keep up. The HyperX OMEN OLED 27q can swivel, tilt, pivot, and elevate to fit right in with your setup. And, with OMEN Gaming Hub, all your settings and presets are quickly accessible with a click of the mouse.[3]

Sustainability in action

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]

OMEN GAMING HUB · NVIDIA G-SYNC · VESA CERTIFIED ClearMR · eyesafe CERTIFIED 2.0

HyperX OMEN OLED 27 inch QHD 240Hz Gaming Monitor - OMEN OLED 27q





Featuring

QD-OLED Panel Technology
Experience visuals like never before with an outstanding contrast ratio and a rapid 0.03ms response time, ensuring vivid colors and minimal blur.[1]

QHD Resolution
Get lost in the captivating definition and sharp details of 3.7 million pixels. 2560 x 1440 Quad HD resolution transforms all your content for a remarkable entertainment experience on this 27" diagonal monitor.[2]

240 Hz Refresh Rate
Don't compromise performance for stunning visuals. Get smooth gaming, sharper objects, and cleaner details with a gaming monitor that refreshes your frames at 240 times a second.[1]

Factory Color Calibration
Fuel your creativity with a monitor that supports your vision, with Factory Color Calibration for color accuracy, so you can see your games the way the devs intended.[1]

NVIDIA G-Sync
NVIDIA® G-SYNC® technology delivers gameplay that's sharp, fluid, and stutter-free with minimal input lag.

VESA ClearMR 13000
Clear Motion Ratio (CMR), provides a clear numerical value based on the ratio of clear pixels to blurry pixels, which allows you to easily compare the amount of motion blur between VESA Certified ClearMR displays.[9]

Plenty of ports
Easily connect to your gaming and work PCs, console, and headset with two HDMI 2.0 ports, one DisplayPort™ 1.4, and one 3.5 mm headphone jack.[10]

4-way adjustable stand
Make your desk just how you like it and maintain comfort with a fully adjustable stand, including height, tilt, pivot and swivel capabilities.

Effortless Joypad OSD Button
In the middle of gameplay, it's never been easier to configure your display settings right from the monitor. Quickly navigate the on-screen menu with the joypad OSD button to adjust brightness, contrast ratio, and color.

Integrated Cable Management
Cord and wire pass-through located on the display stand reduces cord-clutter and helps keep your workspace clean and organized.

HP Eye Ease with Eyesafe® Certification
Built right into the display, with no need to adjust settings or worry about a compromised color experience, HP Eye Ease with Eyesafe® Certification provides beautiful color while reducing blue light to keep your screentime comfortable.

OMEN Gaming Hub
OMEN Gaming Hub is your one place for everything to make your gaming experience better. Enjoy software enhancements to hardware control, and live services.[3]

4K Downscaling for Console HDR Support
HDMI Downscaling for HDR, enabling consoles to send HDR signals at screen resolution instead of being locked at UHD.

Compatible with Consoles
This gaming monitor underwent over 140 test cases to ensure it's compatible with your choice of console. Just connect the HDMI and get right to playing.

HyperX OLED Core Protect
The best part of a warranty is never having to use it. With HyperX OLED Core Protect, our OLED monitors constantly keep your pixels active and refreshed, so you don't have to worry about burn-in.[11]

3 Year Limited Warranty, including burn-in
Rest easy - your purchase is covered with our 3-year limited warranty, offering you unmatched support, reliability and covers burn-in.[12]

HyperX OMEN OLED 27 inch QHD 240Hz Gaming Monitor - OMEN OLED 27q

Specifications

Display specifications

Display size	27.63"
Viewable diagonal size	26.5" (67.31 cm)
Aspect ratio	16:9[1]
Curvature	Flat
Native resolution	QHD (2560 x 1440)[1,2]
Resolution (maximum)	QHD (2560 x 1440 @ 240Hz)[1]
Resolutions supported	640 x 480 @ 60 Hz; 640 x 480 @ 75 Hz; 720 x 400 @ 70 Hz; 800 x 600 @ 60 Hz; 800 x 600 @ 75 Hz; 1024 x 768 @ 60 Hz; 1280 x 720 @ 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 1200 @ 60 Hz; 2560 x 1440 @ 60 Hz; 2560 x 1440 @ 120 Hz; 1280 x 1024 @ 75 Hz; 1024 x 768 @ 75 Hz; 1280 x 800 @ 60 Hz; 1920 x 1080 @ 165 Hz; 1920 x 1080 @ 240 Hz; 2560 x 1440 @ 144 Hz; 2560 x 1440 @ 165 Hz; 2560 x 1440 @ 240 Hz
Panel type	QD-OLED
Bezel	3-sided borderless
Panel active area	23.24 x 13.14 in
Panel bit depth	10 bit[1]
Display colors	Up to 1.07 billion colors supported[1]
Display color gamut	99% sRGB; 99% Display P3[1,3]
Calibrated color presets	99% sRGB; 99% Display P3[1]
Refresh rate (maximum)	240 Hz[1]
Display scan frequency	48-240 Hz (Vertical)[1]; 30-400 kHz (Horizontal)[1]
Response time	0.03ms GtG[1]
Brightness	200 nits[1]
Contrast ratio	1,500,000:1 (Static)[1]
Pixel pitch	0.2292 x 0.2292 mm[1]
Pixels per inch (ppi)	110 ppi
Viewing angle	178° (Vertical) 178° (Horizontal)
Display User Control Options	Color; Image; Input; Power; Menu; Information; Exit; Gaming; System
Management software	OMEN Gaming Hub
User updateable firmware	No
Low blue light modes	HP Eye Ease (Eyesafe® and TÜV certified)[1]
Flicker-free	Yes (TÜV certified)
Screen treatment	Anti-reflective
Hardness	2H[1]
Haze	25%
VESA mount	100 x 100 mm
Adjustability	Height adjustment range: 100 mm Tilt: -5 to +20° Swivel: ±45° Pivot: ±90°
Camera	No integrated camera
Languages	11 (English, Spanish, German, French, Italian, Dutch-Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian)

Connectivity and communications

Port and connectors	2 HDMI 2.1 1 DisplayPort™ 1.4 1 x 3.5 mm Audio Jack (Audio Out)
HDCP	Yes, DisplayPort™ and HDMI
Power supply	100 - 240 VAC 50/60 Hz (Internal)
Power consumption	75 W (maximum); 63 W (typical)[6]

HyperX OMEN OLED 27 inch QHD 240Hz Gaming Monitor - OMEN OLED 27q

Specifications

Appearance

Product color	Black
Stand color	Black
Detachable stand	Yes
Physical security	None
Base area footprint	11.41 x 8.46 in
Dimensions without Stand (W x D x H)	23.99 x 1.89 x 13.95 in (without stand)
Dimensions with stand (W x D x H)	23.99 x 8.79 x 20.25 in
Weight	14.82 lb (with stand); 8.82 lb (without stand)
Packaged Dimensions (W x D x H)	31.1 x 17.56 x 6.3 in
Packaged weight	22.05 lb

Certification and compliance

Energy efficiency class	E
On mode power demand in Standard Dynamic Range (SDR)	21 W[7]
Standby mode power demand	0.5 W[7]
Ecolabels	CEL Grade 3; Ukraine EE; Korea MEPS; California CEC
Sustainable impact specifications	Low halogen; Molded paper pulp cushion inside box is 100% sustainably sourced or recyclable; 85% post-consumer recycled plastic in the monitor's enclosure; Contains 20% recycled glass in the monitor panel; Outside box and corrugated cushions are 100% sustainably sourced or recyclable; At least 90% recycled aluminum in the stand
Certifications	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CEL; cTUVus; EAC; FCC; ISO 9241-307; KC; KCC; NOM; PSB; S-Mark for Argentina; TUV-S; VCCI; Vietnam MEPS; WEEE; EU RoHS; California Energy Commission (CEC); WW application; ICE; TUV-GS; Eyesafe® Certified; TÜV Flicker free certified; Cambodia ISC; NRCS; UAE ECAS; TÜV Low Blue Light Hardware Solution certified; Australian-New Zealand DoC; Mexico LTE
Microsoft WHQL certification	Windows 11; Windows 10[9]
Environmental	Operating temperature range: 41 to 95°F Non-operating temperature range -4 to 140°F Operating humidity: 10 to 90% RH (non-condensing) Non-operating humidity: 10 - 90% Operating altitude: Up to 16,400 ft Non-operating altitude: Up to 40,000 ft

Additional information

Part Number	P/N: CH0R2AA#ABA; UPC code: 199642944428
Ad embargo date	3/22/2026
Manufacturer Warranty	HP three-year limited warranty [8]
Zero bright dot warranty	Yes
What's in the box	Monitor; DisplayPort™ cable; HDMI cable; Warranty card; AC power cable; Quick Setup Poster; Cable holder; Color calibration report; Stand base[4]
Country of origin	Made in Thailand and China

Logistic information

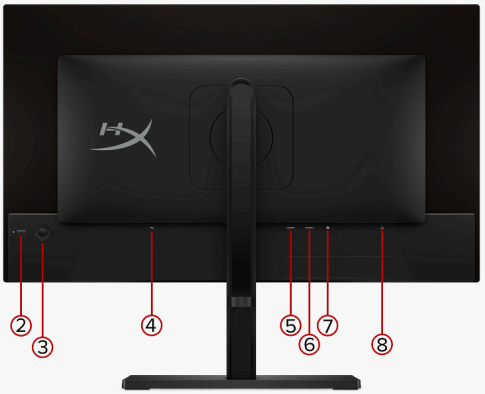
Pallet Dimensions (L x W x H)	Slip sheet: 39.37 x 47.24 x 88.78 in (20 ft, 40 ft, 40 HQ) Pallet: 39.37 x 47.24 x 76.02 in(20 ft,40 ft), 39.37 x 47.24 x 93.7 in (40 HQ)
Pallet weight	Slip sheet: 901.2 lb (20 ft, 40 ft, 40 HQ) Pallet: 751.3 lb (20 ft, 40 ft), 928.3 lb (40 HQ)
Pallet (layers)	7 or 8
Products per layer	40 (20 ft, 40 ft, 40 ft HQ); Pallet:32 (20 ft, 40 ft), 40 (40 ft HQ)

HyperX OMEN OLED 27 inch QHD 240Hz Gaming Monitor - OMEN OLED 27q

Product walkaround



1. Power LED



2. Power button
3. Joypad OSD button
4. Power Connector
5. HDMI 2.1 port
6. HDMI 2.1 port
7. DisplayPort 1.4
8. 3.5 mm headphone jack

HyperX OMEN OLED 27 inch QHD 240Hz Gaming Monitor - OMEN OLED 27q

Footnotes

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] Quad high-definition (QHD) content is required to view QHD images.
[3] Account required for full functionality. See OMEN Gaming Hub terms and conditions. Support level for non-HP products may be subject to change. Some animation effects may consume more CPU resources.
[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. EPEAT® tier levels may vary by country. See www.epeat.net for registration status and tier levels by country.
[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] VESA Certified ClearMR is the high-performance Monitor and Display Compliance Test Specification from VESA that provides a clear numerical value based on the ratio of clear pixels to blurry pixels. See https://www.clearmr.org/ for more details.
[10] AC Power cord and DisplayPort™ cable included. All other cables sold separately.
[11] 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.
[12] This product includes a 3-year limited warranty that covers burn-in when the monitor is used under normal conditions and with HP's default OLED protection features enabled. Damage resulting from misuse, abnormal operation, or disabled protection settings might not be eligible for warranty.

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 2.1 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 2560 x 1440 at 60Hz (default) with 10-bit color using one DisplayPort™ or HDMI.
[3] Number of colors through A-FRC technology.
[4] Included cables may vary by country.
[5] Account required for full functionality. See OMEN Gaming Hub terms and conditions. Support level for non-HP products may be subject to change. Some animation effects may consume more CPU resources.
[6] 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).
[7] As defined in EU 2019/2021 and EU 2019/2013.
[8] 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.
[9] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
[10] 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 imaging equipment, IEEE 1680.2.
[11] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[12] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

© 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.

February 2026
--
us-en