OMEN 34c QHD 165Hz Curved Gaming Monitor

Get lost in the fun

There is no better joy than escaping into the game. This monitor brings the immersion with the ultrawide 1500R curved screen. Quick performance and realistic HDR color with a sleek design looks, sounds, and feels great on your desk.

Product overview

- **Ultra-escapism:** You can't escape... the FUN that comes with this ultrawide, curved display. Venture into the 1500R curve and feel fully immersed in the action. Plus, take in vast virtual landscapes on this 34 inch diagonal screen with an expansive 21:9 aspect ratio.[1]
- **Goodbye lag. Hello speed.** Frame by frame, experience all the action with no distractions. To keep things smooth, this display boasts a fast 165Hz refresh rate to cut motion blur and 1ms GtG response time with Overdrive,[1] so every pixel keeps up with you. Leave screen tearing and lag in the dust, thanks to AMD FreeSync™ Premium technology.[2]
- **Indulge yourself in the details:** Escape fully and dive into finely-detailed worlds with the crisp visuals of WQHD resolution.[3] Marvel at the wide array of colors and hues of the 99% sRGB and 90% DCI-P3 color gamut.[1] Even in shadow, easily make out details and shading with HDR and up to 400 nits of brightness.[1]
- **Refine your play space:** Made to impress in and out of the game, the new OMEN look blends sophistication and fun to elevate what a gaming setup can look like. It's equipped with ports perfect for connecting your gaming PC, console, and even a work PC. Thanks to the easy cable management, integrated dual speakers, and the adjustable stand, your desk will be just how you like it.
- **All your fun, custom:** Play around with every possible hardware and software setting in OMEN Gaming Hub[6]—a one-stop shop for customizing your ecosystem. Make your monitor and any PC work better together the way you want.

Key specifications

- **Viewable image area:** 34 inch diagonally measured
- **Panel type:** VA
- **Curvature:** 1500R
- **Aspect ratio:** 21:9
- **Resolution:** WQHD (3440 x 1440)[1][3][8]
- **Connectivity:** HDMI, DisplayPort™, Audio out jack

HP Sustainability

- **Materials that matter:** Feel like you're making a difference in and out of the game with a purchase you feel good about. This display's plastics contain 85% post-consumer recycled plastics to help reduce the raw materials we use.[10] It's all part of our commitment to helping our shared world.
- **Mindful metals:** Don't stop when it comes to accomplishing your goal, and we don't stop when it comes to protecting our shared future. That's why this monitor was engineered to contain 10% recycled metals.[13]
- **Thoughtful product packaging:** To reduce plastic in landfills, we use 100% recyclable packaging that meets recycling requirements, so it can stay out of the landfill when customers are finished with it.[4]

Product features

- **WQHD resolution:** Give all your entertainment a new level of immersion with impressive 3440 x 1440 resolution. This 34 inch diagonal curved display surrounds you with 4.9 million pixels for captivating definition and sharp details across a 21:9 aspect ratio.[1]
- **165Hz refresh rate:** For crisp action and responsive gameplay, this fast refresh rate[1] practically removes all artifacting and motion blurring.
- **1ms GtG response time with Overdrive:** Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen.[1]
- **HDR:** Explore new worlds with richer colors thanks to a peak brightness of 400 nits.[1]
- **99% sRGB and 90% DCI-P3 color gamut:** Get deeper hues and more accurate colors with 99% sRGB and 90% DCI-P3 that precisely recreates colors so lifelike you will get lost in your gameplay.[1]
- **AMD FreeSync™ Premium Technology:** Game confidently with a high refresh rate, low framerate compensation, and low latency.[2]
- **VESA Certified AdaptiveSync:** Guarantees higher refresh rates and low latency, optimized for gaming, plus a lab-certified max refresh rate so you know your display's full potential.[12]
- **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 3.5mm headphone jack.[5]
- **Integrated dual 3W speakers:** No headset? No problem. The integrated dual 3W speakers deliver crystal-clear audio without adding additional cables or external speakers to your desk.
- **New design unlocked:** The new OMEN look blends sophistication and fun to elevate your gaming setup.
- **1500R curved monitor:** By bringing the sides of the display even closer, the curved 1500R screen provides an incredibly immersive and realistic gaming experience.
- **VESA Certified ClearMR 6000:** 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.[11]
- **Console compatible:** 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.
- **Adjustable stand:** Find comfort while you game with 100mm of height adjust, and tilt capabilities.
- **OMEN Gaming Hub:** From software enhancements to hardware control, and live services, OGH elevates play in an easy and simple way.[6]
- **HP Eye Ease with Eyesafe® Certification:** Keep your screentime comfortable with beautiful colors while reducing blue light.
- **Effortless Joypad OSD Button:** Easy on-screen display settings with the joypad OSD button.
- **Integrated Cable Management:** Cord and wire pass-through located on the display stand reduces cord-clutter and helps keep your workspace clean and organized.

Panel specifications

Display size	• 34 inch diagonally measured
Panel technology	• VA
Curvature	• 1500R curvature
Maximum refresh rate	• 165 Hz
Panel bit depth	• True 8 bit
Aspect ratio	• 21:9
Brightness	• ≥ 400
Resolution	• Native: WQHD (3440 x 1440)[1][8] • Maximum: WQHD (3440 x 1440 @ 165Hz)
Contrast ratio	• Static: 3000:1 • Dynamic: 10M:1
Low-blue light	• HP Eye Ease (Eyesafe® Certified)
Flicker free	• Yes
Scan rate	• Horizontal: 30-255 kHz • Vertical: DP 60-165 Hz; HDMI 48-100 Hz
Pixel pitch	• 0.23 x 0.23 mm • 110 PPI
Backlight	• Lamp life: 30K hrs • Type: Edge-lit
Screen treatment	• Anti-glare • 3H hardness • 40% Haze
Response time	• 1ms GtG with overdrive[1]
Viewing angle	• Horizontal: 178° • Vertical: 178°
Synchronization technology	• AMD FreeSync™ Premium technology[2]
HDR support	• HDR
Color	• Color gamut: 99% sRGB; 90% DCI-P3[1] • Up to 16.7 million colors supported

Monitor specifications

Bezel	• 3-sided borderless
Exterior color	• Bezel: Black • Stand: Black
Connectivity/ports	• 1 DisplayPort™ 1.4 • 2 HDMI 2.0 • HDCP support: DisplayPort™ and HDMI • 1 x 3.5 mm Audio Jack (Audio Out)
Special features	• Switch: Up/ Down/Left/ RIght button, Menu button, Power button • 24 user pre-sets
Power	• Power supply: Internal • Power source: 100~240 VAC 50/60 Hz
Speakers	• Integrated dual 3W speakers
VESA mounting	• 100 mm x 100 mm (bracket is included)

Height adjustable stand range	• 100 mm
Tilt range	• –5° to +20°
Detachable stand	• Yes
Languages	• 11 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian)
On screen display	• User assignable function buttons: 4 with 9 options • Gaming, Image, Color, Input, Power, Menu, Management, Information, Exit
Software	• OMEN Gaming Hub[6]

Accessories & warranty

What's in the box	• Power cord • DP 1.4 cable • Warranty • Quick set up poster
Warranty	• Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply.[9]

Approvals & certifications

Agency approvals	• Microsoft WHQL Certification: Windows 11, Windows 10 • WW application CE,CB,KC/KCC/NOM/ICE/TUV-Bauart/ISO 9241-307/TUV flicker free/ TUV LBL/ BIS/ UAE safety/ UAE RoHS/ Ukraine safety/ South Africa safety/ EAC/CSA/PSB/ISC/CCC/CEL/VCCI/FCC/BSMI/WEEE/CEC

Product/package specifications

Base area footprint	• 8.85 in x 9.25 in
Unpackaged dimensions	• 31.81 in x 9.58 in x 22.99 in
Unpackaged weight	• 23.35 lb
Packaged dimensions	• 35.87 in x 8.94 in x 18.31 in
Packaged weight	• 33.93 lb

Additional information

Product number	• 780K8AA#ABA
UPC Code	• 197029618740
Ad embargo date	• 5/28/2023
Country of origin	• China
Pallet information	• **Dimensions:** 44.92 in x 36.10 in x 78.82 in • **Total weight:** 743.6 lb • **Layers:** 4 • **Products per layer:** 5 • **Total products per pallet:** 20

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