

OMEN 27c QHD Curved 240Hz Gaming Monitor



Get wrapped in the action

Step into the action on this super fast 1000R curved QHD monitor. A true curve and HP Eye Ease with Eyesafe® Certification always-on low-blue light ensures you can game longer comfortably. Oh, and identify your enemies better in the dark with blacker blacks.

Product overview

- **Easy on the eyes:** Play longer with eye comfort. The 1000R curvature bends to the natural shape of your eye so those peepers don't get tired darting around so much. Plus, this monitor is HP Eye Ease with Eyesafe Certified,⁽¹⁾ which blocks high-energy blue light without sacrificing color.
- **Refreshness guaranteed:** This right here is one fast QHD⁽³⁾ monitor. With 240Hz refresh rate⁽⁴⁾ you can now see your opponent before they see you. 1ms response time with MPRT let's you game faster without blur. Refreshed pixels guaranteed.
- **Light up your enemies:** The darks are darker and the brights are brighter to show you the full range of light. This VA panel has a 3000:1 contrast ratio⁽⁴⁾ bringing out 3x as many blacks, and the VESA DisplayHDR 400 lights up the shadows without the washout.

Key specifications

- **Viewable image area:** 27 inch diagonally measured
- **Panel type:** VA / Curved
- **Aspect ratio:** 16:9
- **Resolution:** Quad HD (2560 x 1440)⁽³⁾
- **Connectivity:** HDMI 2.0, DisplayPort™ 1.4, 1 USB Type-C® hub enablement (Data only), 2 USB-A 3.2 Gen 2 10Gbps, 1 x 3.5 mm Audio Jack (Audio Out)

Product features

- **1000R Curved Display:** By bringing the sides of the display even closer, the dramatically curved screen provides an incredibly realistic and immersive gaming experience.
- **240Hz refresh rate:** Power the latest games in 1440p and up to 240fps for fast, smooth gameplay.⁽⁴⁾
- **Eyesafe® Certified Display:** Eyesafe certified displays meet TÜV low blue light requirements and Eyesafe standards for protecting your eyes from harmful blue light without distorting colors. Integrated HP Eye Ease filter helps reduce eyestrain and improve eye comfort when gaming for long periods of time.
- **VESA Certified DisplayHDR 400:** Brighten your screen with enhanced contrast for a lifelike visual experience.⁽⁶⁾

Additional product features

- **1-millisecond response time:** How fast your pixels can react to changing frames is critical for fast-paced gaming, and a 1-millisecond response time ensures even the most action-packed moments are fluid, crisp, and free of motion blur.⁽⁴⁾
- **Moving Picture Response Time:** Greatly reduces motion blur for a more fluid visual experience.
- **AMD FreeSync™ Premium Pro Technology:** There are no compromises. AMD FreeSync™ Premium Pro technology means low latency, wide adaptive refresh rate ranges, low framerate compensation and brilliant pixel quality in gaming.⁽²⁾
- **3-sided micro-edge display:** See more of your screen with a 3-sided micro-edge display that maximizes your viewing area.
- **92% DCI-P3 color space:** Get deeper hues and more accurate colors with a wider color gamut than sRGB.⁽⁴⁾
- **OMEN Gaming Hub:** OMEN Gaming Hub is your one place for everything to make your gaming experience better. From software enhancements to hardware control, and live services, OGH elevates play in easy and simple way.⁽⁷⁾
- **Dynamic crosshair:** Automatically changes the crosshair color based on environment, so it doesn't disappear in the background.
- **Edge precision:** Smooths and corrects sharp images for a more accurate and realistic appearance.
- **Shadow vision:** Brightens scenes without overexposing, so you can see better in dark environments.
- **Console compatible:** Easily connects with your favorite current and next gen gaming consoles – just plug and play.
- **OSD Joystick:** Navigating through the on-screen menu is easier than ever before with a built-in joystick.
- **Height adjustable stand:** Easily adjust your display to the most comfortable position with 130mm range of travel.
- **VESA mounting:** The display is equipped with standard VESA mounting for showcasing on a wall or swivel arm.⁽⁶⁾
- **Sustainably sourced packaging:** HP is innovating new ways to reduce the amount of materials in our packaging and to use more recycled materials in the design.⁽¹¹⁾



Panel specifications

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|-----------------------------------|--|
| Display size | • 27 inch diagonally measured |
| Panel technology | • VA |
| Curved panel | • 1000R |
| Maximum refresh rate | • 240 Hz |
| Panel bit depth | • 8 bit |
| Aspect ratio | • 16:9 |
| Brightness | • HDR on: 440 nits; Peak: 450 nits ⁽⁴⁾ • HDR off: 400 nits |
| Resolution | • Native: Quad HD (2560 x 1440) ⁽³⁾ • Maximum: - 2560x1440 @ 240Hz at DisplayPort™ - 2560x1440 @ 144Hz at HDMI |
| Contrast ratio | • Static: 3,000:1 • Dynamic: 12M:1 ⁽⁹⁾ • HDR: 9000:1 maximum among DisplayPort™ and HDMI port |
| Low-blue light | • HP Eye Ease with Eyesafe® Certification ⁽¹⁾ |
| Flicker free | • Yes |
| Scan rate | • Horizontal: DP: 362 kHz HDMI: 30 kHz - 280 kHz • Vertical: DP: 60 Hz - 240 Hz HDMI: 55 Hz - 144 Hz |
| Pixel pitch | • 0.2331 x 0.2331 |
| Backlight | • Lamp life: 30K hours • Type: Edge-lit |
| Screen treatment | • Anti-glare • 3H hardness • 25% Haze |
| Response time | • 1ms MPRT (OSD: Level 5 MPRT + response time) • 1ms GtG average w/overdrive (OSD: Level 5 response time) ⁽⁴⁾ |
| Viewing angle | • Horizontal: 178° • Vertical: 178° |
| Synchronization technology | • AMD FreeSync™ Premium Pro ⁽²⁾ |
| HDR support | • VESA Certified DisplayHDR 400™ |
| Color | • 99% sRGB • 92% DCI-P3 |

Monitor specifications

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|---------------------------|---|
| Bezel | • 3-sided micro edge |
| Exterior color | • Bezel: black • Stand: black |
| Connectivity/ports | • 1 x HDMI 2.0 • 1 x DisplayPort™ 1.4 • HDCP support (HDMI and DisplayPort™) • 1 USB Type-C® hub enablement (Data only) • 2 USB-A 3.2 Gen 2 10Gbps • 1 x 3.5 mm Audio Jack (Audio Out) |
| Power | • Power supply: External • Power source: 100~240 VAC 50/60 Hz |

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|--------------------------------------|---|
| VESA mounting | • 100 mm x 100 mm (bracket not included) ⁽⁶⁾ |
| Height adjustable stand range | • 130 mm |
| Tilt range | • -5° to 20° |
| Pivot | • No |
| Swivel | • No |
| Security lock ready | • Standard security lock slot |
| Detachable stand | • Yes |
| Languages | • 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese) |
| On screen display | • User programmable modes: 29 preset graphic modes • User assignable function buttons: 4 - Brightness, Color, Display Information, Next Input, Frame Rate, Crosshair, Message Timer, PIP On/Off • Gaming, Image, Color, Input, Power, Menu, Management, Informaiton, Exit |
| Software | • OMEN Gaming Hub ⁽⁷⁾ |

Accessories & warranty

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| What's in the box | • Power cord • Adapter • DisplayPort™ cable • USB 3.2 Gen 2 AM-CM cable • Quick set up guide • Document kit |
| Warranty | • Protected by a 3-year HP limited warranty. Certain restrictions and exclusions apply. ⁽¹⁰⁾ |

Approvals & certifications

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| Agency approvals | • Microsoft WHQL Certification • WW application • CB/CE/UKCA/cTUVus/FCC/ICES/VCCI/CCC/CEL/BSMI/RCM/KCC/E-standby/ISO 9241-307/BIS/JAE/EAC/CEC/NOM/Ukraine certificates/NRCS of South Africa/ South Africa energy/ Eup Lot 6 and 26/ Eup Lot 5/UK Energy/Mexico Energy/ISC/WEEE/ Hardware Low blue light/ eye safe/ TUV Flicker free |
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Product/package specifications

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|------------------------------|---|
| Base area footprint | • 10.236 in x 10.236 in • 26 cm x 26 cm |
| Unpackaged dimensions | • 23.90 in x 10.24 in x 20.56 in • 60.71 cm x 26.0 cm x 52.23 cm |
| Unpackaged weight | • 15.45 lb • 7.01 kg |
| Packaged dimensions | • 27.09 in x 8.98 in x 17.40 in • 68.80 cm x 22.8 cm x 44.2 cm |
| Packaged weight | • 23.96 lb • 10.87 kg |

Additional information

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| Product number | • 35D73AA#AB2 |
| UPC Code | • 195697757686 |
| Country of origin | • China |

