

OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2 (AV4E7AA)



GET LOST IN THE FUN

There is no better joy than fully escaping into the game. The OMEN 34-inch WQHD 180 Hz Curved Gaming Monitor brings the immersion with the ultrawide 1500R curved screen. Quick performance and realistic VESA DisplayHDR™ 400[1] color let you get lost in the games you love most, while the sleek design looks, sounds, and feels great on your desk.



ULTRA-ESCAPISM

Venture into the 1500R curve and feel immersed on a 34" diagonal screen with a 21:9 aspect ratio.[2] Equipped with dual speakers, an adjustable stand, and OMEN Gaming Hub[3]—a one-stop shop for customizing your ecosystem the way you want.

GOODBYE LAG. HELLO SPEED.

Frame by frame, experience all the action with no distractions. To keep things smooth, this display boasts a fast 180 Hz refresh rate to cut motion blur and 1ms MPRT with Overdrive,[2] so every pixel keeps up with you. Leave screen tearing and lag in the dust, thanks to AMD FreeSync™ Premium technology.[4]

INDULGE YOURSELF IN THE DETAILS

Escape fully and dive into finely-detailed worlds with the crisp visuals of WQHD resolution.[5] Marvel at the wide array of colors and hues of the 99% sRGB and 95% Display P3 Factory Color Calibrated color gamut.[2] Even in shadow, easily make out details and shading with VESA DisplayHDR™ 400[1] and up to 400 nits of brightness.[2]

Featuring

WQHD Resolution

Give all your entertainment a new level of immersion with impressive 3440 x 1440 resolution. This 34" diagonal curved display surrounds you with 4.9 million pixels for captivating definition and sharp details across a 21:9 aspect ratio. [5]

180Hz refresh rate

For crisp action and responsive gameplay, this fast refresh rate practically removes all artifacting and motion blurring. [2]

1ms MPRT with Overdrive

How fast your pixels can react to changing frames is critical for fast-paced gaming, and a 1ms MPRT cures even the most action-packed moments are fluid, crisp, and free of motion blur. [2]

VESA DisplayHDR™ 400

Explore new worlds in stunning contrast with VESA DisplayHDR™ 400. With peak brightness of 400 nits and 4000:1 contrast ratio, experience games how the developers intended with brighter whites, deeper blacks, and richer colors. [1,2]

More Colors to Play With

Get deeper hues and a wide array of colors with 99% sRGB and 95% Display P3 Factory Color

Specifications

Color	Black
Display size (diagonal)	34"
Panel technology	VA; LCD
Display size (diagonal)	86.4 cm (34")
Aspect ratio	21:9 ^[1]
Native resolution	WQHD (3440 x 1440) ^[1,2]
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; 1920 x 1080 @ 50 Hz; 1920 x 1080 @ 60 Hz; 1920 x 1080 @ 100 Hz; 1920 x 1080 @ 120 Hz; 1920 x 1200 @ 60 Hz; 2560 x 1440 @ 120 Hz; 1280 x 1024 @ 75 Hz; 3440 x 1440 @ 60 Hz; 3440 x 1440 @ 100 Hz; 720 x 480 @ 60 Hz; 720 x 576 @ 50 Hz; 1024 x 768 @ 75 Hz; 1280 x 720 @ 50 Hz; 1280 x 720 @ 100 Hz; 1280 x 800 @ 60 Hz; 3840 x 2160 @ 60 Hz (HDMI console only); 3440 x 1440 @ 120 Hz (DisplayPort only); 3440 x 1440 @ 144 Hz (DisplayPort only); 3440 x 1440 @ 165 Hz (DisplayPort only); 3440 x 1440 @ 180 Hz (DisplayPort only)
Pixel pitch	0.2331 x 0.2331 mm ^[1]
Brightness	400 nits ^[1]
Contrast ratio	4000:1 ^[1]
Response time (typical)	1 ms MPRT (with overdrive) ^[1]
Dimensions (W x D x H)	80.79 x 10.84 x 36.67 cm (without stand)
Dimensions (W x D x H)	31.81 x 4.27 x 14.44 in (without stand)
Dimensions With Stand (W x D x H)	80.79 x 24.33 x 58.4 cm
Weight	10.78 kg (with stand); 8.02 kg (without stand)
Weight	23.77 lb (with stand); 17.68 lb (without stand)
Display features	Anti-glare; AMD FreeSync™ Premium; HP Eye Ease (Eyesafe® certified); Height adjustable; Tilt; Factory color calibration; VESA ClearMR 6000 certified; 4K Downscaling for Console HDR Support
Onscreen controls	Brightness+; Color; Image; Input; Audio; Power; Menu; Management; Information; Exit; Contrast; Gaming; Message control; Language
Display colors	Up to 16.7 million colors supported ^[1]
Display scan frequency (horizontal)	30-255 kHz ^[1]
Display scan frequency (vertical)	50-180 Hz ^[1]
Power	100 - 240 VAC 50/60 Hz
Power consumption	90 W (maximum), 50 W (typical), 0.29 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% RH (non-condensing)
Sustainable impact specifications	Low halogen; At least 15% recycled metal; Contains 20% recycled glass in the monitor panel; 100% of HP paper-based packaging is from recycled or certified sustainable sources; Contains at least 85% post-consumer recycled plastic
Certifications and compliances	BIS; BSMI; CB; CCC; CE; CEL; CSA; EAC; FCC; ISO 9241-307; KC/KCC; NOM; PSB; TUV Bauart; TUV LBL; VCCI; WEEE; ISC; California Energy Commission (CEC); WW application; ICE; TÜV Flicker free certified; UAE safety; UAE RoHS; South Africa safety; Ukraine safety
Management Software	OMEN Gaming Hub
UPC number	(A2K) 198701652595; (AB0) 198701652618; (AB1) 198701652649; (AB2) 198701652656; (AB4) 198701652687; (ABG) 198701652694; (ABJ) 4582712540112; (ACJ) 198701652731; (AKL) 198701652762; (AR6) 198701652786; (UUF) 198701652816
Manufacturer Warranty	HP standard one-year limited warranty
What's in the box	Monitor; Warranty card; AC power cable; Quick Setup Poster; DisplayPort™ 1.4 cable; Cable holder; Color calibration report ^[3]

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[1] 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.

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

[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] FreeSync™ Premium is an AMD® technology that requires mandatory low framerate compensation and at least 200 Hz refresh rate with <3440 horizontal resolution or at least 120 Hz with ≥3440 horizontal resolution, AMD Radeon Graphics and/or AMD A-Series APU-compliant monitors with DisplayPort/HDMI Adaptive-Sync required. More information is available at www.amd.com/freesync.

[5] Ultrawide quad-high definition (WQHD) content required to view WQHD images.

Technical Specifications Footnotes

[1] All 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 2.0 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 3440 x 1440 at 60 Hz with 8-bit color using one DisplayPort™, HDMI.

[3] Included cables may vary by country.

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