OMEN by HP 34 inch WQHD 165Hz Curved Gaming Monitor – OMEN 34c (780K8AA)

GET LOST IN THE FUN

There is no better joy than fully escaping into the game. The OMEN by HP 34-inch WQHD 165Hz Curved Gaming Monitor brings the immersion with the ultrawide 1500R curved screen. Quick performance and realistic HDR 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
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"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].

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. [3]

165Hz refresh rate
Crisp action and responsive gameplay with virtually no artifacting or screen tearing. [1]

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 a wide array of colors with 99% sRGB and 90% DCI-P3 for precisely recreated colors so lifelike you get lost in your gameplay. [1]

Specifications

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; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440; 3440 x 1440
Pixel pitch	0.23 x 0.23 mm
Brightness	400 nits[1]
Contrast ratio	3000:1[1]
Response time (typical)	1ms GtG (with overdrive)
Dimensions (W x D x H)	80.79 x 10.84 x 36.67 cm *(without stand)*
Dimensions With Stand (W x D x H)	80.79 x 24.33 x 58.4 cm
Weight	10.59 kg *(with stand)*
Display features	On-screen controls; Anti-glare; 1500R curvature; Height adjustable; AMD Freesync™ Premium; Gaming Console Compatible; Integrated speakers; HP Eye Ease (Eyesafe® certified); HDR
Onscreen controls	Management; Information; Exit; Input; Color; Image; Power; Menu; Gaming
Display colors	Up to 16.7 million colors supported
Display scan frequency (horizontal)	30-255 kHz
Display scan frequency (vertical)	60-165 Hz (DisplayPort™); 48-100 Hz (HDMI)
Camera	No integrated camera
Power	100 - 240 VAC 50/60 Hz
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% RH
Sustainable impact specifications	Low Halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 85% ITE-derived closed loop 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; Ukraine certificates; TÜV Flicker free certified; UAE safety; UAE RoHS; South Africa safety; CEL Grade 2[9]
Physical security	None
Management Software	OMEN Gaming Hub
UPC number	197029618788
Manufacturer Warranty	1 year limited warranty
What's in the box	Monitor; DisplayPort™ cable; Warranty card; Quick Setup Poster; AC power cord[7]

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] Requires a monitor and AMD Radeon graphics, both with FreeSync Premium support. AMD FreeSync™ Premium requires mandatory low framerate compensation and at least 120 Hz refresh rate at minimum FHD. See www.amd.com/freesync for complete details. Confirm capability with your system manufacturer before purchase. GD-161.

[3] 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. The video card of the connected PC must be capable of supporting 2560 x 1440 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the Preferred Mode.

[7] Included cables may vary by country.

[9] Monitors produced from June 2024 comply with China regulation GB 21520-2023.