



## TAKE YOUR FUN UP A NOTCH

Reach new possibilities with the OMEN 27-inch QHD 180 Hz Gaming Monitor. Quick performance and vibrant color let you get lost in the games you love most, while the sleek design functions to look and feel great on your desk.



### NO LAG. ALL SPEED.

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

### SEE A WORLD YOU CAN STEP INTO

Mistake virtual for IRL while you explore your favorite worlds with the crisp visuals of QHD resolution.[3] For lifelike gameplay, escape into a wide array of vibrant colors, hues, and shades with the 95% Display P3 factory color calibrated color gamut.[1] Even in shadow, easily make out details and shading with HDR 400 and up to 400 nits of brightness.[1]

### ALL YOUR FUN, CUSTOM

The OMEN look blends sophistication and fun with easy cable management, the adjustable stand, and ports for your PC and console. You can customize your ecosystem with OMEN Gaming Hub[4] that enhances your play in an easy and simple way.

## Featuring

### 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. [3]

### 180Hz refresh rate

For crisp action and responsive gameplay, this fast refresh rate practically removes all artifacting and motion blurring. [1]

### HDR 400

Explore new worlds in stunning contrast with HDR 400. With peak brightness of 400 nits, experience games how the developers intended with brighter whites, deeper blacks, and richer colors. [1,8]

### More Colors to Play With

Get deeper hues and a wide array of colors with 95% Display P3 factory color calibrated for precisely recreated colors so lifelike you get lost in your gameplay. [1]

### 1ms GTG Response Time with Overdrive

How fast your pixels can react to changing frames is critical for fast-paced gaming, and a 1ms

## Specifications

<b>Display size (diagonal)</b>	27"
<b>Panel technology</b>	IPS; LCD
<b>Display size (diagonal)</b>	68.6 cm (27")
<b>Aspect ratio</b>	16:9 <sup>[1]</sup>
<b>Native resolution</b>	QHD (2560 x 1440) <sup>[1,2]</sup>
<b>Resolutions supported</b>	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 @ 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 @ 60 Hz; 2560 x 1440 @ 75 Hz; 2560 x 1440 @ 120 Hz; 1280 x 1024 @ 75 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; 2560 x 1440 @ 144 Hz; 2560 x 1440 @ 165 Hz (DisplayPort only); 2560 x 1440 @ 180 Hz (DisplayPort only); 3840 x 2160 @ 60 Hz (HDMI console only)
<b>Pixel pitch</b>	0.2331 x 0.2331 mm <sup>[1]</sup>
<b>Brightness</b>	400 nits <sup>[1]</sup>
<b>Contrast ratio</b>	1000:1 <sup>[1]</sup>
<b>Response time (typical)</b>	1ms GtG (with overdrive) <sup>[1]</sup>
<b>Dimensions (W x D x H)</b>	61.36 x 5.22 x 36.43 cm (without stand)
<b>Dimensions (W x D x H)</b>	24.16 x 2.06 x 14.34 in (without stand)
<b>Dimensions With Stand (W x D x H)</b>	61.36 x 22.33 x 52.37 cm
<b>Weight</b>	7.33 kg (with stand); 5.29 kg (without stand)
<b>Weight</b>	16.16 lb (with stand); 11.66 lb (without stand)
<b>Display features</b>	AMD FreeSync™; Anti-glare; HP Eye Ease (Eyesafe® certified); Height adjustable; Pivot; Tilt; Factory color calibration; 4K Downscaling for Console HDR Support; VESA ClearMR 5000 certified
<b>Onscreen controls</b>	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit; Contrast; Gaming; Message control; Language
<b>Display colors</b>	Up to 16.7 million colors supported <sup>[1]</sup>
<b>Display scan frequency (horizontal)</b>	30-283 kHz <sup>[1]</sup>
<b>Display scan frequency (vertical)</b>	50-180 Hz <sup>[1]</sup>
<b>Power</b>	100 - 240 VAC 50/60 Hz
<b>Power consumption</b>	67 W (maximum), 30 W (typical), 0.29 W (standby)
<b>Operating temperature range</b>	5 to 35°C
<b>Operating humidity range</b>	20 to 80% RH (non-condensing)
<b>Sustainable impact specifications</b>	Low halogen; 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; At least 5% recycled metal
<b>Certifications and compliances</b>	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
<b>Management Software</b>	OMEN Gaming Hub
<b>UPC number</b>	(A2K) 198701661368; (AB0) 198701661375; (AB1) 198701661382; (AB2) 198701661399; (AB4) 198701661405; (ABG) 198701661412; (ABJ) 198701661429; (ACJ) 198701661436; (AKL) 198701661443; (AR6) 198701661450; (UUF) 198701661467
<b>Manufacturer Warranty</b>	HP standard one-year limited warranty
<b>What's in the box</b>	Monitor; Warranty card; AC power cable; Quick Setup Poster; DisplayPort™ 1.4 cable; Cable holder; Base stand; Color calibration report <sup>[3]</sup>

## 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] FreeSync™ is an AMD® technology that requires mandatory low framerate compensation and at least 144Hz refresh rate 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](http://www.amd.com/freesync).

[3] Quad high-definition (QHD) content required to view QHD images.

[4] 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.

[8] 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.

## 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 2560 x 1440 at 60 Hz with 8-bit color using one DisplayPort™, HDMI.

[3] Included cables may vary by country.

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