



## SPEED RUN THROUGH FUN

Outclass the competition with the OMEN 27-inch QHD 280 Hz[2] Gaming Monitor. Delivering ultra-smooth frames and crisp details,[1] this NVIDIA® G-SYNC® compatible display has what it takes to keep up with you. Speed meets looks with a fun, yet refined design unlike any other so you can enjoy it in and out of the game.



### APPROACHING MAXIMUM FUN

Frame by frame, experience buttery smooth action with no distraction. Boasting a lightning-fast 280 Hz[2] refresh rate and 1ms MPRT with Overdrive,[1] this gaming monitor cuts motion blur, so you're acting not reacting. Leave screen tearing and lag in the dust, thanks to NVIDIA® G-SYNC® compatibility.

### IT'S LIKE YOU'RE REALLY THERE

Escape fully and dive into finely-detailed worlds with the crisp visuals of QHD resolution.[2] Marvel at the wide array of dazzling colors and hues of 95% Display P3 factory color calibrated color gamut.[1] Further immerse in the game with depth and clarity with IPS Black technology. Even in shadows, easily make out details and shading with VESA DisplayHDR™ 400.[3]

### ALL YOUR FUN, CUSTOM

The OMEN design blends sophistication and fun through aRGB lighting, integrated dual speakers, and an adjustable stand. Know you're equipped with two HDMI 2.0, DisplayPort™ 1.4, USB-A 3.2 ports, a USB hub to easily switch between PC and console, and OMEN Gaming Hub[5] that lets you customize your ecosystem.

## 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. [2]

### 280 Hz Refresh Rate

When every moment counts, a lightning-fast 280 Hz refresh rate practically removes all artifacting and motion blurring for gameplay that's incredibly crisp and responsive. [1,2]

### 1ms MPRT with Overdrive

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

### NVIDIA® G-SYNC® Compatible

NVIDIA® G-SYNC® technology delivers gameplay that's sharp, fluid, and stutter-free with minimal input lag.

### VESA DisplayHDR™ 400

See details even in shadow and replicate reality on your screen with VESA DisplayHDR™ 400 for

## Specifications

<b>Color</b>	Black
<b>Display size (diagonal)</b>	27"
<b>Panel technology</b>	IPS Black; 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; 720 x 400 @ 70 Hz; 800 x 600 @ 60 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; 720 x 480 @ 60 Hz; 720 x 576 @ 50 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); 1920 x 1080 @ 240 Hz (DisplayPort only); 2560 x 1440 @ 240 Hz (DisplayPort only); 3840 x 2160 @ 60 Hz (HDMI console only); 2560 x 1440 @ 280 Hz (DisplayPort 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>	2000:1 <sup>[1]</sup>
<b>Response time (typical)</b>	1 ms MPRT (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>	8.35 kg (with stand); 6.31 kg (without stand)
<b>Weight</b>	18.41 lb (with stand); 13.91 lb (without stand)
<b>Display features</b>	Anti-glare; AMD FreeSync™ Premium; Integrated speakers; HP Eye Ease (Eyesafe® certified); NVIDIA® G-SYNC® Compatible; Height adjustable; Pivot; Tilt; Factory color calibration; Windows Dynamic Lighting; 4K Downscaling for Console HDR Support; VESA ClearMR 5000 certified
<b>Onscreen controls</b>	Brightness+; Color; Image; Input; Audio; Power; Menu; Management; Information; Exit; Contrast; Gaming; Message control; Language; External lighting
<b>Display colors</b>	Up to 16.7 million colors supported <sup>[1]</sup>
<b>Display scan frequency (horizontal)</b>	30-463 kHz <sup>[1]</sup>
<b>Display scan frequency (vertical)</b>	50-280 Hz <sup>[1]</sup>
<b>Power</b>	100 - 240 VAC 50/60 Hz
<b>Power consumption</b>	106 W (maximum), 54 W (typical), 0.5 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 80% 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; OMEN Lighting Studio
<b>UPC number</b>	(A2K) 198701731412; (ABO) 198701731429; (AB1) 198701731436; (AB2) 198701731443; (AB4) 198701731467; (ABG) 198701731474; (ABJ) 4582712541898; (ACJ) 198701731504; (AKL) 198701731528; (AR6) 198701731535; (UUF) 198701731542
<b>Manufacturer Warranty</b>	HP standard one-year limited warranty
<b>What's in the box</b>	Monitor; Warranty card; USB Type-A to B cable; 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] Quad high-definition (QHD) content is required to view QHD images.

[3] 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.

[5] 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.

## 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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