



TAKE YOUR FUN UP A NOTCH

Reach new possibilities with the OMEN 27-inch FHD 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 FHD 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

FHD Resolution

Focus on the finer details and enjoy clear images with the 1920 x 1080 Full HD resolution on this 27" diagonal monitor. [3]

180 Hz 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 GTG response time with Overdrive ensures even the most action-packed moments are fluid, crisp,

Specifications

Color	Black
Display size (diagonal)	27"
Panel technology	IPS; LCD
Display size (diagonal)	68.6 cm (27")
Aspect ratio	16:9 ^[1]
Native resolution	FHD (1920 x 1080) ^[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; 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; 1280 x 1024 @ 75 Hz; 720 x 480 @ 60 Hz; 720 x 576 @ 50 Hz; 1024 x 768 @ 75 Hz; 1280 x 800 @ 60 Hz; 1920 x 1080 @ 165 Hz; 1920 x 1080 @ 180 Hz (DisplayPort only); 1920 x 1080 @ 144 Hz; 3840 x 2160 @ 60 Hz (HDMI console only)
Pixel pitch	0.3108 x 0.3108 mm
Brightness	400 nits ^[1]
Contrast ratio	1000:1 ^[1]
Response time (typical)	1ms GtG (with overdrive) ^[1]
Dimensions (W x D x H)	61.36 x 5.22 x 36.43 cm (without stand)
Dimensions (W x D x H)	24.16 x 2.06 x 14.34 in (without stand)
Dimensions With Stand (W x D x H)	61.36 x 22.33 x 52.37 cm
Weight	8.05 kg (with stand); 6.01 kg (without stand)
Weight	17.75 lb (with stand); 13.25 lb (without stand)
Display features	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
Onscreen controls	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit; Contrast; Gaming; Message control; Language
Display colors	Up to 16.7 million colors supported ^[1]
Display scan frequency (horizontal)	30-215 kHz ^[1]
Display scan frequency (vertical)	50-180 Hz ^[1]
Power	100 - 240 VAC 50/60 Hz
Power consumption	52 W (maximum), 25 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; 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
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; California Energy Commission (CEC); PSBISC; WW application; ICE; TÜV Flicker free certified; UAE safety; UAE RoHS; South Africa safety; Ukraine safety
Management Software	OMEN Gaming Hub
UPC number	(A2K) 198701662297; (AB0) 198701662303; (AB1) 198701662310; (AB2) 198701662327; (AB4) 198701662334; (ABG) 198701662341; (ABJ) 198701662358; (ACJ) 198701662365; (AKL) 198701662389; (AR6) 198701662396; (UUF) 198701662419
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; Base stand; Color calibration report ^[3]

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 144 Hz 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.

[3] Full high-definition (FHD) content required to view FHD 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 1920 x 1080 at 60 Hz with 8-bit color using one DisplayPort™, HDMI.

[3] Included cables may vary by country.

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