

# OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs (780J5AA)



## SPEED RUN THROUGH FUN

Outclass the competition with the OMEN by HP 27-inch QHD 240Hz Gaming Monitor. Delivering ultra-smooth frames and crisp details[1], this AMD FreeSync™ Premium[2] 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 240Hz refresh rate and 1ms response time[1], this gaming monitor cuts motion blur, so you're acting not reacting. Leave screen tearing and lag in the dust, thanks to AMD FreeSync™ Premium technology[2].

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

Escape fully and dive into finely-detailed worlds with the crisp visuals of QHD resolution[3]. Marvel at the wide array of dazzling colors and hues of the 99% sRGB and 95% DCI-P3 color gamut[1]. Even in shadows, easily make out details and shading with VESA DisplayHDR™ 400[4].

### GET PLUGGED IN

Know you're equipped for your devices—gaming and otherwise—with two HDMI 2.0, one DisplayPort™ 1.4, and two USB-A 3.2 ports[5]. Make switching from PC to console a breeze when you directly connect your mouse & keyboard to the monitor thanks to the USB hub. Oh, did we mention the effortless cable management?

## Featuring

### QHD Resolution

Sharp details and captivating Quad HD definition on this 27" diagonal monitor. [3]

### 240Hz Refresh Rate

Incredibly responsive, fluid gameplay. [1]

### 1ms Response Time with Overdrive

Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen. [1]

### VESA DisplayHDR™ 400

See details even in shadow and replicate reality on your screen with enhanced contrast. [4]

### AMD FreeSync™ Premium Technology

Game confidently with a high refresh rate, low framerate compensation, and low latency. [2]

## Specifications

Display size (diagonal)	27"
Panel technology	IPS
Display size (diagonal)	68.6 cm (27")
Aspect ratio	16:9 <sup>[1]</sup>
Native resolution	QHD (2560 x 1440) <sup>[1,2]</sup>
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
Pixel pitch	0.23 x 0.23 mm
Brightness	400 nits <sup>[1]</sup>
Contrast ratio	1000:1 <sup>[1]</sup>
Response time (typical)	1ms GtG (with overdrive)
Minimum dimensions (W x D x H)	61.36 x 5.22 x 36.43 cm (without stand)
Minimum 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	7.9 kg (with stand)
Weight	17.42 lb (with stand)
Display features	On-screen controls; Pivot rotation; Anti-glare; Height adjustable; AMD Freesync™ Premium; Gaming Console Compatible; Integrated speakers; HP Eye Ease (Eyesafe® certified); HDR
Onscreen controls	Management; Information; Input; Color; Image; Menu; Gaming; Audio; External Lighting
Display colors	Up to 16.7 million colors supported
Display scan frequency (horizontal)	30-391 kHz
Display scan frequency (vertical)	60-240 Hz (DisplayPort™); 55-144 Hz (DisplayPort™)
Power	100 - 240 VAC 50/60 Hz
Power consumption	83 W (maximum), 33.5 W (typical), 0.5 W (standby)
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; Microsoft WHQL Certification; 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
Physical security	None
Management Software	OMEN Gaming Hub; OMEN Lighting Studio
UPC number	(A2K) 197029617446; (AB0) 197029617460; (AB1) 197029617484; (AB2) 197029617507; (AB4) 197029617514; (ABG) 197029617538; (ABJ) 4573595845685; (ACJ) 197029617569; (AKL) 197029617576; (AR6) 197029617590; (UUF) 197029617606
What's in the box	Monitor; DisplayPort™ cable; Warranty card; USB Type-A to B cable; Quick Setup Poster; AC power cord <sup>[7]</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] 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 QHD. See [www.amd.com/freesync](http://www.amd.com/freesync) for complete details. Confirm capability with your system manufacturer before purchase. GD-161.

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

[4] 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] AC power cord, DisplayPort™, and USB-B to A cables included. All others sold separately.

## 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. 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.

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