

# HP 27xq Display



## A fast, vibrant display with gaming essentials

This display has all the essentials for faster action. Enjoy smooth, stutter-free visuals that respond as fast as you do thanks to a 144Hz refresh rate<sup>1</sup> and AMD® FreeSync™<sup>2</sup> technology, while the Quad HD<sup>3</sup> screen delivers all your entertainment with captivating definition and ultra-sharp details.



### The speed you need

Ensure even the most action-packed moments are smooth, crisp, and free of motion blur with a 144Hz refresh rate and 1ms response time.<sup>1</sup>

### Incredibly smooth

Experience the difference of fluid, stutter-free gameplay on this ultra-sharp QHD<sup>3</sup> (2560 x 1440) display with AMD® FreeSync™<sup>2</sup> technology.

### Get comfortable

Enjoy 100mm of smooth, precise height adjustment so your display is always in the most comfortable position.

<sup>1</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<sup>2</sup> FreeSync™ is only available when it is connected on DisplayPort or HDMI port. FreeSync is an AMD® technology enabled on FHD or QHD displays and is designed to eliminate stuttering and/or tearing in games and videos by locking a display's refresh rate to the frame rate of the graphics card. Monitor, AMD® Radeon™ Graphics and/or AMD® A-Series APU compliant with DisplayPort™ Adaptive-Sync required. AMD® Catalyst™ 15.2 Beta (or newer) required. Adaptive refresh rates vary by display.

<sup>3</sup> Quad high-definition (QHD) content is required to view QHD images.

<sup>4</sup> FreeSync™ is only available when it is connected on DisplayPort or HDMI. FreeSync is an AMD technology is enabled on FHD or QHD displays and is designed to eliminate stuttering and/or tearing in games and videos by locking a display's refresh rate to the frame rate of the graphics card. AMD Radeon Graphics and/or AMD A-Series APU-compliant monitors with DisplayPort/HDMI Adaptive-Sync required. AMD 15.11 Crimson driver (or newer) required to support FreeSync over HDMI. Adaptive refresh rates vary by monitor. More information is available at [www.amd.com/freesync](http://www.amd.com/freesync).

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## Featuring

### 144Hz refresh rate

Get smooth gaming, sharper objects, and cleaner details with a gaming display that refreshes frames 144 times a second – over twice the refresh rate of standard displays.<sup>3</sup>

### AMD FreeSync™ technology

See and feel the difference of fluid, responsive gameplay. By synchronizing the refresh rate with your GPU, AMD FreeSync™ makes display stutter, input lag, and screen tears ancient history.<sup>4</sup>

### 1ms response time with overdrive

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

### Quad HD display

Ultra-sharp details and captivating definition with 3.7 million pixels.<sup>1</sup>

### Micro-edge display

With virtually no bezel encircling the display, an ultra-wide viewing experience provides for seamless multi-monitor set-ups.

### Height adjustment stand

Easily adjust your display to the most comfortable position with 100 mm range of travel.

### Low blue light

Using the Low Blue Light mode subtly shifts your display's colors to a warmer spectrum, while making whites more natural and putting less strain on your eyes.

### Ambient lighting

Diffused lighting to reduce eye fatigue during late-night gaming sessions.

### TN panel

Low pixel latency and snappy response times with this TN panel.

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Display size	68.6 cm (27")
Aspect ratio	16:9
Display type	TN with LED backlight
Pixel pitch	0.233 mm
Response time	1 ms gray to gray <sup>1</sup>
Brightness	350 cd/m <sup>2</sup> <sup>1</sup>
Contrast ratio	1000:1 static <sup>1</sup>
Viewing angle	160° vertical; 170° horizontal
Product color	Black
Resolution	QHD (2560 x 1440 @ 60 Hz)
Resolutions supported	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 768; 1280 x 800; 1440 x 900; 1600 x 1200; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 640 x 480; 720 x 400; 800 x 600
Display scan frequency (horizontal)	Up to 223 kHz
Display scan frequency (vertical)	Up to 144 Hz
Display features	Anti-glare; Anti-static; Language selection; LED backlights; Low haze; On-screen controls; Pivot rotation; Plug and Play; User programmable; AMD FreeSync™
Display Input Type	1 DisplayPort™ 1.2; 1 HDMI 2.0
Physical security features	Security lock-ready <sup>2</sup>
Display moving angle	Swivel: ±360°; Tilt: -4 to +20°
Environmental specifications	Arsenic-free display glass; Mercury-free display backlights
Energy efficiency	Energy efficiency class: B; On-mode power consumption: 39 W; Annual energy consumption: 56 kWh; Standby: 0.42 W; Power consumption (on-mode): 0.25 W; Power consumption (off-mode): 0.25 W
Display User Control Options	Brightness; Color control; Contrast; Exit; Image control; Information; Input source; Language; Management; Power control; Menu control
Product dimensions	61.36 x 5.56 x 37.86 cm Without stand. 24.16 x 8.52 x 20.09 in With stand
Weight	6.2 kg 13.64 lb
Operating temperature range	5 to 35°C
Operating temperature range	41 to 95°F
Operating humidity range	20 to 80% non-condensing
Certifications and compliances	Australian-New Zealand MEPS; BSMI; CB; CCC; CE; CEL; CSA; EAC; FCC; ISO 9241-307; KC; KCC; Microsoft WHQL Certification (Windows 10, Windows 8 and Windows 7); NOM; PSB; SmartWay Transport Partnership (NA); TUV-S; UL; VCCI; Vietnam MEPS; WEEE
Power supply	Input voltage 100 to 240 VAC
Warranty	2-year limited warranty
What's in the box	AC power cord; Documentation; HDMI cable; Warranty card
VESA mount	100 mm
Product number	3WL54AA
Ordering info	3WL54AA#ABB: 192545213608; 3WL54AA#AZN: 192545213684; 3WL54AA#ABT: 192545213646; 3WL54AA#ABU: 192545213615; 3WL54AA#ABV: 192545213660; 3WL54AA#ABY: 192545213639; 3WL54AA#ACQ: 192545213653; 3WL54AA#UUG: 192545213677; 3WL54AA#UUZ: 192545213622

<sup>1</sup> All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.  
<sup>2</sup> Lock is sold separately.

