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[1] and AMD® FreeSync™[2] technology, while the Quad HD[3] 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.[1]

Incredibly smooth
Experience the difference of fluid, stutter-free gameplay on this ultra-sharp QHD[3] (2560 x 1440) display with AMD® FreeSync™[2] technology.

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

[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 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.
[3] Quad high-definition (QHD) content is required to view QHD images.
[4] 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.

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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.[3]

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.[4]

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.[1]

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 [1]
Brightness	350 cd/m² [1]
Contrast ratio	1000:1 static [1]
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; In plane switching; 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 [2]
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. 61.36 x 21.64 x 51.02 cm With stand
Weight	6.2 kg
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	1 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#A2N: 192545213684; 3WL54AA#ABT: 192545213646; 3WL54AA#ABU: 192545213615; 3WL54AA#ABV: 192545213660; 3WL54AA#ABY: 192545213639; 3WL54AA#ACQ: 192545213653; 3WL54AA#UUG: 192545213677; 3WL54AA#UUZ: 192545213622

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