HP 25x Display

144Hz Gaming Display with AMD FreeSync™

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 Full HD[3] screen delivers all your entertainment with vivid colors and crisp clarity.

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 crystal clear FHD[3] (1920 x 1080) 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] Full high-definition (FHD) content is required to view FHD 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.
[4] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Product Features

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][1]

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][1]

1ms response time with overdrive
Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen.[2]

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.[3]

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	62.23 cm (24.5")
Aspect Ratio	16:9
Display type	TN with LED backlight
Pixel pitch	0.283 mm
Response time	1 ms gray to gray
Brightness	400 cd/m²
Contrast ratio	1000:1 static
Viewing angle	160° vertical; 170° horizontal
Resolution	FHD (1920 x 1080 @ 60 Hz)
Display Scan Frequency (horizontal)	Up to 167 kHz
Display Scan Frequency (vertical)	Up to 144 Hz
Display features	Anti-glare; Language selection; LED backlights; 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
Display moving angle	Swivel: ±360°; Tilt: -4 to +20°; Pivot rotation: 90°
Environmental Specifications	Arsenic-free display glass; Mercury-free display backlights
Energy Efficiency	Energy Efficiency class: AOn-mode power consumption: 22 W; Annual energy consumption: 32 kWh; Standby: 0.34 W; Power consumption (off-mode): 0.20 W
Display User Control Options	Brightness; Color control; Contrast; Exit; Image control; Information; Language; Management; Power control; Input control; Menu control
Dimensions (W x D x H)	55.73 x 5.5 x 34.12 cm
Dimension Note (metric)	Without stand.
Product Dimensions (with stand, metric)	55.73 x 20.64 x 49.26 cm
Weight	5.72 kg
Operating Temperature Range	5 to 35°C
Operating Humidity Range	20 to 80% non-condensing
Certifications and compliances	Australian-New Zealand MEPS; BSMI; CB; CCC; CE; CEL; CSA; EAC; FCC; ICES; ISC Mark; 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
Warranty	2-year limited warranty
Box Content	AC power cord; Documentation; HDMI cable
VESA Mount	100 mm
Ordering info	3WL50AA#ABB:192545213240; 3WL50AA#A2N:192545213325; 3WL50AA#ABT:192545213288; 3WL50AA#ABU:192545213257; 3WL50AA#ABV:192545213301; 3WL50AA#ABY:192545213271; 3WL50AA#ACQ:192545213295; 3WL50AA#UUG:192545213318; 3WL50AA#UUZ:192545213264