

# HP 25x 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 Full HD<sup>3</sup> 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.<sup>1</sup>

### Incredibly smooth

Experience the difference of fluid, stutter-free gameplay on this crystal clear FHD<sup>3</sup> (1920 x 1080) 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.

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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.

### **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	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 <sup>1</sup>
Brightness	400 nits <sup>1</sup>
Contrast ratio	1000:1 <sup>1</sup>
Product color	Black
Recommended resolution	FHD (1920 x 1080 @ 60 Hz)
Resolution (maximum)	FHD (1920 x 1080 @ 144 Hz)
Resolutions supported	1024 x 768; 1152 x 864; 1280 x 1024; 1280 x 720; 1280 x 800; 1440 x 900; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 800 x 600
Display scan frequency (horizontal)	30-167 kHz
Display scan frequency (vertical)	48-144 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 (with HDCP support)
Physical security features	Security lock-ready <sup>2</sup>
Environmental specifications	Arsenic-free display glass; Mercury-free display backlights
Energy efficiency	Energy efficiency class: A; On-mode power consumption: 22 W; Annual energy consumption: 32 kWh; Standby: 0.34 W; Power consumption (on-mode): 22 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
Webcam	No integrated camera
Product dimensions	55.73 x 5.5 x 34.12 cm Without stand. 55.73 x 20.64 x 49.26 cm With stand Packed: 68.8 x 18.50 x 42 cm
Weight	5.72 kg; Packed: 7.6 kg 12.61 lb; Packed: 16.76 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; 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
Power supply	Input voltage 100 to 240 VAC
Warranty	2-year limited warranty
What's in the box	AC power cord; Documentation; HDMI cable
VESA mount	100 mm x 100 mm (bracket included)
Product number	3WL50AA
Ordering info	192545213240
Touch-enabled	Not touch-enabled
Pixels per inch (ppi)	90 ppi
Panel bit depth	8 bit (6 bit + FRC)
Vertical viewing angle	160°
Horizontal viewing angle	170°
Swivel	±360°
Tilt	-4 to +20°
Pivot	+90
Height adjustment range	151 mm
Screen treatment	Anti-glare
Touch-enabled	Not touch-enabled
Integrated privacy filter	No
Flicker-free	Yes
Low blue light modes	Yes (TÜV certified)

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## Messaging Footnotes

<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> Full high-definition (FHD) content is required to view FHD 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).

## Technical Specifications Footnotes

<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.

