



# 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<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.

<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).

<sup>5</sup> 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.<sup>1</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.<sup>2</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.<sup>3</sup>

### 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.

---

<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).

<sup>5</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

## Datasheet

# HP 25x Display



<b>Display Size</b>	62.23 cm (24.5")
<b>Aspect Ratio</b>	16:9
<b>Display type</b>	TN with LED backlight
<b>Pixel pitch</b>	0.283 mm
<b>Response time</b>	1 ms gray to gray
<b>Brightness</b>	400 cd/m <sup>2</sup>
<b>Contrast ratio</b>	1000:1 static
<b>Viewing angle</b>	160° vertical; 170° horizontal
<b>Resolution</b>	FHD (1920 x 1080 @ 60 Hz)
<b>Display Scan Frequency (horizontal)</b>	Up to 167 kHz
<b>Display Scan Frequency (vertical)</b>	Up to 144 Hz
<b>Display features</b>	Anti-glare; Language selection; LED backlights; On-screen controls; Pivot rotation; Plug and Play; User programmable; AMD FreeSync™
<b>Display input type</b>	1 DisplayPort™ 1.2; 1 HDMI 2.0
<b>Physical security features</b>	Security lock-ready
<b>Display moving angle</b>	Swivel: ±360°; Tilt: -4 to +20°; Pivot rotation: 90°
<b>Environmental Specifications</b>	Arsenic-free display glass; Mercury-free display backlights
<b>Energy Efficiency</b>	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
<b>Display User Control Options</b>	Brightness; Color control; Contrast; Exit; Image control; Information; Language; Management; Power control; Input control; Menu control
<b>Dimensions (W x D x H)</b>	55.73 x 5.5 x 34.12 cm
<b>Dimension Note (metric)</b>	Without stand.
<b>Product Dimensions (with stand, metric)</b>	55.73 x 20.64 x 49.26 cm
<b>Weight</b>	5.72 kg
<b>Operating Temperature Range</b>	5 to 35°C
<b>Operating Humidity Range</b>	20 to 80% non-condensing
<b>Certifications and compliances</b>	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
<b>Warranty</b>	1 year limited warranty
<b>Box Content</b>	AC power cord; Documentation; HDMI cable
<b>VESA Mount</b>	100 mm
<b>Ordering info</b>	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

© Copyright 2018 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are the property of their respective owners.

