

HP 25mx 24.5-inch Display (4JF31AA)



Display your gaming skills

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 1 ms 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.

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.^[4]

1ms response time with Overdrive

How fast your pixels can react to changing frames is critical for fast-paced gaming, and a 1ms response time ensures even the most action-packed moments are fluid, crisp, and free of motion blur.^[4]

AMD® FreeSync™ technology

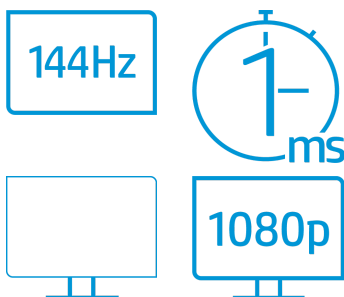
See and feel the difference of fluid, responsive gameplay. By synchronizing the refresh rate with your GPU, AMD® FreeSync™ makes display stutter, input lag, and screen tears ancient history.^[5]

Micro-edge display

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

FHD display / 1080p display

Be prepared for brilliant visuals and crisp images with the unforgettable quality of this stunning FHD display.^[3]



Specifications

Display size (diagonal)	62.23 cm (24.5")
Display type	TN with LED backlight
Aspect ratio	16:9 ^[1]
Resolution (native)	FHD (1920 x 1080 @ 60 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
Pixel pitch	0.283 mm
Brightness	400 cd/m ² ^[1]
Contrast ratio	1000:1 static; 12000000:1 dynamic ^[1]
View angle	160° vertical; 170° horizontal
Response time	1 ms gray to gray ^[1,4]
Dimensions With Stand (W x D x H)	55.73 x 20.64 x 49.26 cm
Weight	5.72 kg (With stand.)
Weight	12.61 lb (With stand.)
Display features	Anti-glare; Language selection; LED backlights; On-screen controls; Pivot rotation; User programmable; AMD FreeSync™
Display Input Type	1 DisplayPort™ 1.2 (with HDCP support); 1 HDMI 2.0 (with HDCP support)
Onscreen controls	Brightness; Color control; Contrast; Exit; Image control; Information; Input control; Language; Management; Menu control; Power control
Display scan frequency (horizontal)	Up to 167 kHz
Display scan frequency (vertical)	Up to 144 Hz
Tilt and swivel angle	Pivot rotation: 90°; Swivel: ±360°; Tilt: -4 to +20°
Power	Input voltage 100 to 240 VAC
Power consumption	32 W (maximum), 24 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
Environmental	Arsenic-free display glass; Mercury-free display backlights
Certifications and compliances	Australian-New Zealand MEPS; BSMI; CB; CE; CSA; EAC; FCC; ICES; ISO 9241-307; KC/KCC; Microsoft WHQL Certification (Windows 10, Windows 8 and Windows 7); NOM; PSB; TUV-S; UL; VCCI; Vietnam MEPS; WEEE; ISC; Low blue light; China Energy Label (CEL) Grade 2 or 3
Physical security	Security lock-ready ^[3]
What's in the box	AC power cord; Documentation; HDMI cable

Accessories and services

No Recommended Accessories and Services

Messaging Footnotes

[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 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. 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] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[5] 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.

Technical Specifications Footnotes

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

[3] Lock is sold separately.

[4] 1 ms gray to gray with overdrive.

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