



HP 24x Gaming Display

A faster way to see the action. Display your gaming skills. A fast, vibrant display with gaming essentials.

The HP 24x 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 rate¹ and AMD® FreeSync™² technology. At 60.45 cm (23.8"), this Full HD³ screen with built-in speakers brings your entertainment up a notch.



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 time¹.

Smooth, sharp visuals

Experience the difference of fluid, stutter-free gameplay on this crystal clear FHD³ (1920 x 1080) display with AMD® FreeSync™² technology.

More comfortable immersion

Micro-edge bezel design delivers a more immersive viewing experience and integrated speakers provides high-quality sound. Height, tilt, swivel, and pivot adjustments allow for optimal comfort while gaming.

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 required to view FHD images.

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Featuring

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.

Height adjustment stand

Gas piston design allows 130mm of smooth, precise height adjustment so your display is always in the most comfortable position, no matter who is viewing it.

Micro-edge display

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

Integrated speakers

No need to buy external speakers for great audio. With integrated speakers this display is ready to go once you're connected.

Included headphone jack

Conveniently located within reach, the headphone jack lets you easily plug in your headphones for a more lifelike experience.

TN panel

Enjoy the latest action movie or high-octane video game with the low pixel latency and snappy response times of this TN panel.

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

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.²

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.

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Display size	60.45 cm (23.8")
Aspect ratio	16:9 ¹
Pixel pitch	0.274 mm
Response time	1 ms (with overdrive)
Brightness	250 cd/m ² ¹
Contrast ratio	1000:1 static; 12000000:1 dynamic ¹
Viewing angle	160° vertical; 170° horizontal
Recommended resolution	FHD (1920 x 1080 @ 60 Hz)
Resolution (maximum)	FHD (1920 x 1080 @ 144 Hz)
Resolutions supported	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 800; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 800 x 600
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; Plug and Play; AMD FreeSync™; Height adjustable; Low blue light mode; Dual speakers (2W per channel)
Display Input Type	1 DisplayPort™ 1.2 in (with HDCP support); 1 HDMI 1.4 (with HDCP support)
Physical security features	Security lock-ready ²
Display moving angle	Tilt: -3.5 to +21.5°
Energy efficiency	Energy efficiency class: A; On-mode power consumption: 24 W; Annual energy consumption: 36 kWh; Standby: 0.32 W; Power consumption (on-mode): 24 W; Power consumption (off-mode): 0.17 W
Display User Control Options	Audio control; Brightness; Color control; Image control; Information; Language; Management; Menu; Power
External I/O ports	1 audio
Product dimensions	53.08 x 21.8 x 37.99 cm Without stand. 54.08 x 21.8 x 48.99 cm With stand Packed: 65 x 20 x 39 cm
Weight	6.1 kg
Operating temperature range	5 to 35°C
Operating temperature range	41 to 95°F
Operating humidity range	20 to 80% RH
Certifications and compliances	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CEL; C-Tick; cTUVus; EAC; E-standby; EUP Lot-6; FCC; ICES; ISO 9241-307; KC; KCC; PSB; TUV Bauart; VCCI; Vietnam MEPS; WEEE; ISC; Low blue light; UkrSEPRO; South Africa MEPS; Ukraine Energy label
Power supply	Input voltage 100 to 240 VAC
Warranty	1 year parts and labour limited warranty.
What's in the box	AC power cord; HDMI cable; Warranty card; Monitor
VESA mount	100 mm with included bracket
Product number	5ZU98AA
Ordering info	5ZU98AA#ABB: 193424944088; 5ZU98AA#A2N: 193424944163; 5ZU98AA#ABU: 193424944095; 5ZU98AA#ABV: 193424944149; 5ZU98AA#ABY: 193424944118; 5ZU98AA#ACQ: 193424944132; 5ZU98AA#UUG: 193424944156; 5ZU98AA#UUZ: 193424944101

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² Lock is sold separately.

