



# HP X24ih Gaming Monitor

**Lifelike quality. Lightning speed.**

Experience action-packed gaming in lifelike quality with the 23.8" diagonal monitor that's built to deliver the most consistent color. Now, with an IPS panel, enjoy the superb picture and ultra-wide viewing angles, and immerse yourself in a world of winning. Plus, with a 1ms response time, 144 Hz refresh rate<sup>1</sup> and AMD FreeSync™ Premium<sup>2</sup> technology, you'll always be one step ahead of your opponent with fluid and lag-free gameplay.



\*Product image may differ from actual product

## **Escape in immersive color**

- Enjoy better views and sharper moves with an IPS panel that provides ultra-wide viewing angles and a more colorful picture. Now, you can stay immersed in content with the most realistic gaming experience.

## **Lightning speed for laser sharp accuracy**

- Be ready to react to anything that comes your way with a 1ms response time and 144 Hz refresh rate<sup>1</sup>. Even in the most action-packed moments, always be one step ahead of your opponents.

## **Faster moves. Fluid gaming.**

- Every gamer deserves perfectly smooth gameplay and peak performance. Game confidently with a high refresh rate, low framerate compensation and low latency. AMD FreeSync™ Premium-certified monitors are here<sup>2</sup>.

## **Comfort any way you look at it**

- Play in your most comfortable gaming position with this monitor's ergonomic design. It lets you easily adjust its stand height, pivot and swivel.

## **Featuring**

- IPS technology brings you clear views from almost any angle. Every seat is the best seat in the house.
- Eliminate screen tearing for cleaner details, sharper objects, and smooth gaming.<sup>1</sup>
- Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen.<sup>1</sup>
- Makes display stutter, input lag, and screen tears ancient history.<sup>2</sup>
- Brilliant visuals and unforgettable quality from a stunning FHD display.<sup>3</sup>
- Customize your display, performance and lighting settings.
- More than 99% sRGB color space for ideal color reproduction.<sup>1</sup>
- Easily adjust your display to the most comfortable position with 130 mm range of travel.
- Easy tilt adjustment 5 degrees forward and 23 degrees backward.
- Easily plug in your headphones for a more lifelike experience.

# HP X24ih Gaming Monitor Specifications Table



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Display type	IPS
Panel Active Area	20.75 x 11.67 in 527.04 mm x 296.46 mm
Brightness	350 nits
Contrast ratio	1000:1
Response Ratio	1ms GtG (with overdrive)
Product colour	Black
Aspect ratio	16:9
Native resolution	FHD (1920 x 1080) <sup>1</sup>
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 features	On-screen controls; Low blue light mode; Anti-glare
User controls	Exit; Information; Management; Power control; Input control; Menu control; Gaming; Image; Color
Input signal	1 HDMI 2.0; 1 DisplayPort™ 1.2
Display size (diagonal, metric)	60.45 cm (23.8")
Ports and Connectors	Hdmi: 1 HDMI 2.0; Displayport™: 1 DisplayPort™ 1.2; Audio port: 1 Headphone Out Combo Jack; Ethernet: No; Card reader: No
Camera	No integrated camera
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 20 to 80% non-condensing;
Power	Input voltage 100 to 240 VAC
Power consumption	46 W (maximum), 38 W (typical), 0.5 W (standby)
Dimensions	21.29 x 2.07 x 12.83 in 54.08 x 5.25 x 32.58 cm (Without stand.)
Weight	13.33 lb 6.05 kg (With stand.)
Physical security features	Security lock-ready
Certification and compliance	Australian-New Zealand MEPS; BSMI; CB; CCC; CE; CEL; EAC; E-standby; EUP Lot-5; EUP Lot-6; FCC; ISC Mark; ISO 9241-307; KC/KCC; NOM; NOM NYCE; PSB; TUV Bauart; UL/CSA; VCCI; Vietnam MEPS; WEEE; Low blue light; South Africa MEPS; Ukraine Energy label; California Energy Commission (CEC); WW application; ICE; UAE
What's in the box	Monitor; HDMI cable; Warranty card; QSP; Product notice; AC power cable
Pixels per inch (ppi)	93 ppi
Panel bit depth	8 bit
Vertical viewing angle	178°
Horizontal viewing angle	178°
Bezel	3-sided micro-edge
Swivel	±360°
Tilt	-6 to +23°
Pivot	+90
Height adjustment range	110 mm
VESA mounting	100 mm x 100 mm (bracket not included)
Hardness	3H
Screen treatment	Anti-glare
Touch-enabled	Not touch-enabled
Integrated privacy filter	No
Flicker-free	Yes
Low blue light modes	Yes
Display scan frequency (horizontal)	30-167 kHz
Display scan frequency (vertical)	48-144 Hz
Pixel pitch	0.274 mm
Microphone	No
Speakers	No

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Accessories and services (not included)

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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™ Premium is only available when it is connected on Display Port or HDMI. 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. Mandatory low framerate compensation and at least 120Hz refresh rate, 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>3</sup> Full high-definition (FHD) content is required to view FHD images.

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February 2022

