



# 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 1 ms 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 1 ms 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.

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## Featuring

### Step up to the best

IPS technology brings you clear views from almost any angle. Every seat is the best seat in the house.

### 144 Hz refresh rate

Eliminate screen tearing for cleaner details, sharper objects, and smooth gaming.<sup>1</sup>

### 1-millisecond response time with Overdrive

Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen.<sup>1</sup>

### AMD® FreeSync™ technology

Makes display stutter, input lag, and screen tears ancient history.<sup>2</sup>

### FHD display / 1080p display

Brilliant visuals and unforgettable quality from a stunning FHD display.<sup>3</sup>

### OMEN Command Center

Customize your display, performance and lighting settings.

### Highly accurate color

More than 99% sRGB color space for ideal color reproduction.<sup>1</sup>

### Height adjustment stand

Easily adjust your display to the most comfortable position with 110 mm range of travel.

### Adjust your view

Easy tilt adjustment 6 degrees forward and 23 degrees backward.

### Included headphone jack

Easily plug in your headphones for a more lifelike experience.

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Product number	ZW925AA#ABB; #A2N; #ABT; #ABU; #ABV; #ABY; #ACQ; #UUG; #UUZ
UPC number	194850573880
Display size	60.45 cm (23.8")
Aspect ratio	16:9
Display type	IPS
Pixel pitch	0.274 mm
Response time	1ms GTG (with overdrive)
Brightness	200 nits
Contrast ratio	1000:1
Display contrast ratio (dynamic)	12000000:1
Product color	Black
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)	30-167 kHz
Display scan frequency (vertical)	48-144 Hz
Display features	On-screen controls; Low blue light mode; Anti-glare; Height adjustable; AMD Freesync™ Premium
Display Input Type	1 HDMI 2.0; 1 DisplayPort™ 1.2
Physical security features	Security lock-ready
Energy efficiency	Energy efficiency class: E; Annual energy consumption: 17 kWh;
Display User Control Options	Exit; Information; Management; Power control; Input control; Menu control; Gaming; Image; Color
Webcam	No integrated camera
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
Power supply	Input voltage 100 to 240 VAC
VESA mount	100 mm x 100 mm (bracket not included)
Touch-enabled	Not touch-enabled
Pixels per inch (ppi)	93 ppi
Panel bit depth	8 bit
Vertical viewing angle	178°
Horizontal viewing angle	178°
Bezel	3-sided micro-edge
Tilt	-6 to +23°
Swivel	±360°
Pivot	+90
Height adjustment range	110 mm
Hardness	3H
Flicker-free	Yes
Port and Connectors	1 DisplayPort™ 1.2; 1 Headphone Out Combo Jack; No; No
Warranty	1 year limited warranty
Certifications and compliances	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
Country of origin	Made in China
Dimensions (W x D x H)	54.08 x 5.25 x 32.58 cm (Without stand.)
Weight	6.05 kg (With stand.)
Package dimensions (W x D x H)	59.2 x 19.8 x 41.7 cm
Package weight	7.8 kg

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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.

