

HP X24i Gaming Monitor (2W922AA)



Overview

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[1] and AMD FreeSync™ Premium[2] technology, you'll always be one step ahead of your opponent with fluid and lag-free gameplay.

IPS

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.

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[2].

144Hz

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[1]. Even in the most action-packed moments, always be one step ahead of your opponents.

Features

IPS

Step up to the best

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

144Hz

144 Hz refresh rate

Eliminate screen tearing for cleaner details, sharper objects, and smooth gaming.^[1]



1-millisecond response time with Overdrive

Eliminates motion blur for crisp, fluid gameplay no matter what's happening on-screen.^[1]

AMD® FreeSync™ technology

Makes display stutter, input lag, and screen tears ancient history.^[2]

1080p

FHD display / 1080p display

Brilliant visuals and unforgettable quality from a stunning FHD display.^[3]

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

[2] 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.

[3] Full high-definition (FHD) content is required to view FHD images.

Specifications

Display size (diagonal)	23.8"
Panel technology	IPS
Display size (diagonal)	60.45 cm (23.8")
Aspect ratio	16:9
Native resolution	FHD (1920 x 1080)
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
Pixel pitch	0.274 mm
Brightness	350 nits
Contrast ratio	1000:1
Response time (typical)	1ms GtG (with overdrive)
Minimum dimensions (W x D x H)	54.08 x 5.3 x 32.58 cm (Without stand.)
Minimum dimensions (W x D x H)	21.29 x 2.09 x 12.83 in (Without stand.)
Dimensions With Stand (W x D x H)	54.08 x 20.99 x 40.65 cm
Weight	4.55 kg (With stand.)
Weight	10.03 lb (With stand.)
Display features	On-screen controls; Low blue light mode; Anti-glare
Display Input Type	1 HDMI 2.0; 1 DisplayPort™ 1.2
Onscreen controls	Exit; Information; Management; Power control; Input control; Menu control; Gaming; Image; Color
Display scan frequency (horizontal)	30-167 kHz
Display scan frequency (vertical)	48-144 Hz
Webcam	No integrated camera
Power	Input voltage 100 to 240 VAC
Power consumption	46 W (maximum), 38 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
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

Physical security

Security lock-ready

UPC number

194850573705

What's in the box

Monitor; HDMI cable; Warranty card; QSP; Product notice; AC power cable

Additional specifications

Audio port	1 Headphone Out Combo Jack
Backlight type	Edge-lit
Bezel	3-sided micro-edge
Card reader	No
Curvature	Flat
Detachable stand	Yes
Display area (imperial)	20.75 x 11.67 in
Display area (metric)	527.04 mm x 296.46 mm
Display contrast ratio (dynamic)	12000000:1
Displayport™	1 DisplayPort™ 1.2
Ethernet	No
Flicker-free	Yes
HDMI	1 HDMI 2.0
Hardness	3H
Height adjustment range	No height adjust
Horizontal viewing angle	178°
Integrated privacy filter	No
Low blue light modes	Yes
Microphone	No
Non-Operating Humidity Range	5 to 95%
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	59 x 12.3 x 39.6 cm
Package dimensions (W x D x H)	23.22 x 4.84 x 155.9 in
Package weight	5.7 kg
Package weight	12.56 lb
Panel bit depth	8 bit
Pixels per inch (ppi)	93 ppi
Power supply type	Internal
Product brand name	HP
Product dimensions with stand (W x D x H)	21.29 x 8.26 x 16 in
Recommended resolution	FHD (1920 x 1080 @ 144 Hz)
Resolution (maximum)	FHD (1920 x 1080 @ 144 Hz)
Screen treatment	Anti-glare

Speakers	No
Tilt	-7 to +22°
Touch-enabled	Not touch-enabled
UNSPSC code	43211902
VESA mounting	100 mm x 100 mm (bracket not included)
Vertical viewing angle	178°
pivot	No pivot
swivel	No swivel

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