



# HP X24c Gaming Monitor (9FM22AA)

## Overview



### Get wrapped up in gaming

Escape to new worlds with the 1500R curved monitor that delivers an immersive FHD experience[1]. The 144Hz refresh rate[2] reduces blur by displaying images 2x faster than other monitors[3]. Now you can say goodbye to lags and hello to smoother gaming with AMD FreeSync™ technology[4]. Plus, adjust the monitor and avoid any back or neck strain.



### Action with a curve

Escape to new worlds—the 1500R curvature pulls the corners of the display closer to you, delivering an immersive FHD experience[1].



### A new level of comfort

Play comfortably by adjusting the monitor to the perfect position for you. And, game for as long as you want without any back or neck strain.

144Hz

### Fast strikes. Smooth moves

React quicker. The 144Hz refresh rate[2] reduces blur by displaying images 2x faster than other monitors[3]. Say goodbye to lags and hello to smooth, tear free gaming with AMD FreeSync™ technology[4].

## Features

144Hz

### 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.<sup>[2]</sup>



### 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.

### 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.<sup>[4]</sup>

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

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

[3] 2x faster than traditional 60Hz monitors.

[4] 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](http://www.amd.com/freesync).

## Specifications

<b>Display size (diagonal)</b>	23.6"
<b>Panel technology</b>	VA
<b>Aspect ratio</b>	16:9
<b>Native resolution</b>	FHD (1920 x 1080)
<b>Resolutions supported</b>	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
<b>Pixel pitch</b>	0.27 mm
<b>Brightness</b>	300 nits
<b>Contrast ratio</b>	3000:1 static; 12000000:1 dynamic
<b>Response time (typical)</b>	4ms GtG (with overdrive)
<b>Minimum dimensions (W x D x H)</b>	53.62 x 7 x 32.27 cm
<b>Minimum dimensions (W x D x H)</b>	21.1 x 2.7 x 12.7 in
<b>Dimensions With Stand (W x D x H)</b>	53.62 x 21.8 x 38.88 cm
<b>Weight</b>	5.21 kg
<b>Weight</b>	11.46 lb
<b>Display features</b>	Anti-glare; Height adjustable
<b>Display Input Type</b>	1 HDMI 2.0; 1 DisplayPort™ 1.2
<b>Onscreen controls</b>	Exit; Information; Management; Menu; Power; Input control; Gaming; Image; Color
<b>Power</b>	Input voltage 100 to 240 VAC
<b>Power consumption</b>	35 W (maximum), 28 W (typical), 0.5 W (standby)
<b>Operating temperature range</b>	5 to 35°C
<b>Operating humidity range</b>	20 to 80% non-condensing
<b>Physical security</b>	Security lock-ready
<b>UPC number</b>	(A2N) 194721519009; (ABB) 194721518927; (ABT) 194721518965; (ABV) 194721518989; (ACQ) 194721518972

## Additional specifications

<b>Bezel</b>	3-sided micro-edge
<b>Display area (imperial)</b>	20.53 x 11.55 in
<b>Display area (metric)</b>	521.40 x 293.28 mm
<b>Ethernet</b>	No
<b>Flicker-free</b>	Yes
<b>Hardness</b>	3H
<b>Hdmi</b>	1 HDMI 2.0
<b>Height adjustment range</b>	100 mm
<b>Horizontal viewing angle</b>	178°
<b>Integrated privacy filter</b>	No
<b>Low blue light modes</b>	Yes
<b>Microphone</b>	No
<b>Operating temperature range</b>	41 to 95°F
<b>Package dimensions (W x D x H)</b>	23.43 x 8.19 x 15.59 in
<b>Package dimensions (W x D x H)</b>	59.5 x 20.8 x 39.6 cm
<b>Package weight</b>	6.9 kg
<b>Package weight</b>	15.18 lb
<b>Panel bit depth</b>	8 bit
<b>Pixels per inch (ppi)</b>	93 ppi
<b>Product brand name</b>	HP
<b>Product dimensions with stand (W x D x H)</b>	21.1 x 8.6 x 15.3 in
<b>Resolution (maximum)</b>	FHD (1920 x 1080 @ 144 Hz)
<b>Screen treatment</b>	Anti-glare
<b>Speakers</b>	No
<b>Tilt</b>	-5 to +23°
<b>Touch-enabled</b>	Not touch-enabled
<b>UNSPSC code</b>	43211902
<b>VESA mounting</b>	100 mm x 100 mm (bracket not included)
<b>Vertical viewing angle</b>	178°
<b>pivot</b>	No pivot
<b>swivel</b>	±360°

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