



# HP Sales Central

## HP X27 FHD Gaming Monitor (2V6B3AA)

Active as of 10/04/2021



### Overview

#### All play, every play.

Play longer, comfier, and with amazing accuracy on our suite of sweet gaming monitors. We've redefined high definition gaming with IPS Panel Technology, 165Hz, 1ms response time<sup>1</sup>, AMD<sup>2</sup> FreeSync™ Premium<sup>3</sup>, and more colors than ever before.

□

#### A Display of Responsibility

Monitor made with 85% post-consumer recycled materials and sustainably sourced and recyclable packaging<sup>5</sup>. Doing good never looked so good.

□

#### Believing is Seeing

Immerse yourself in even more colors and catch all the action with ultra-wide viewing angles of an IPS display in Full HD (1920 x 1080)<sup>4</sup>.

□

#### Smooth Moves

Live in the flow of 165 Hz with a super fast 1ms response time<sup>1</sup> and keep your gameplay smooth-as-silk with AMD<sup>2</sup> FreeSync™ Premium<sup>3</sup>.



#### Game in comfort

HP Eye Ease with Eyesafe® certification keeps high-energy blue light out and the color accuracy in. Customize your comfort with the adjustable base.

□

#### Sustainably Sourced Packaging

HP is innovating new ways to reduce the amount of materials in our packaging and to use more recycled materials in the design.<sup>5,7</sup>

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.

165Hz

#### 165Hz refresh rate

Crisp action and incredibly responsive gameplay with virtually no artifacting or screen tearing.<sup>1</sup>

□

#### Adjust your view

Adjust your screen's height with pivot and tilt capabilities.

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## Specifications

**Display size (diagonal)**

27"

**Panel technology**

IPS

**Aspect ratio**

16:9

**Native resolution**

FHD (1920 x 1080)

**Resolutions supported**

640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080

**Pixel pitch**

0.311 mm

**Brightness**

400 nits

**Contrast ratio**

1000:1

**Response time (typical)**

1 ms GtG (with overdrive)

**Display features**

Pivot rotation; Low blue light mode; Anti-glare; Height adjustable; AMD Freesync™ Premium; Gaming Console Compatible

**Display scan frequency (horizontal)**

30-210 KHz

**Display scan frequency (vertical)**

60-165 Hz

**Onscreen controls**

Exit; Information; Management; Power control; Input control; Menu control; Gaming; Image; Color

**Physical security**

None

**Webcam**

No integrated camera

**Power**

100 - 240 VAC 50/60 Hz

**Power supply type**

Internal

**Power consumption**

50 W (maximum), 24 W (typical), 0.5 W (standby)

**Ecolabels**

CEL Grade 2

**Operating temperature range**

5 to 35°C

**Minimum dimensions (W x D x H)**

61.35 x 5.05 x 36.63 cm

*(Without stand.)*

3

**Dimensions With Stand (W x D x H)**

61.35 x 21.15 x 51.24 cm

**Weight**

6.9 kg

**Package dimensions (W x D x H)**

68.8 x 22.5 x 44 cm

**Package weight**

10.4 kg

**What's in the box**

Monitor  
DisplayPort™ cable  
Warranty card  
Product notice  
AC power cord

**Management Software**

OMEN Gaming Hub

**Manufacturer Warranty**

3 years limited warranty

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**Overview**

- 1 All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. Results may vary based on quality of the original picture/photo/video and difference between the previous monitor settings compared to the HP Enhance + mode.
- 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](http://www.amd.com/freesync).
- 3 Supports Adaptive-sync with NVIDIA® GeForce® graphics cards and AMD Radeon graphics cards. FreeSync™ certified. Compatible with NVIDIA® GeForce® GTX 10 series, GTX 16 series and newer graphics cards.
- 4 Full high-definition (FHD) content required to view FHD images.
- 5 Based on HP's internal analysis. Monitor's 85% post-consumer recycled plastic content consists of 5% ocean bound plastic materials by weight. 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers. Plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting.

## Detailed Specifications

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**Aspect ratio**

16:9

**Audio port**

1 x 3.5 mm Audio Jack (Audio Out)

**Backlight type**

Edge-lit

**Bezel**

3-sided micro-edge

**Brightness**

400 nits

**Brightness (typical) footnote number**

[1]

**Card reader**

No

**Certifications and compliances**

Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CEL; cTUVus; EAC; FCC; ISC Mark; ISO 9241-307; KC/KCC; NOM; PSB; RCM; TUV-S; VCCI; Vietnam MEPS; WEEE; Mexico Energy; WW application; ICE; UAE; TUV-GS; Ukraine certificates; NRCS of South Africa; Belarus Energy; Eyesafe® Certified

**Color gamut**

99% sRGB

**Contrast ratio**

1000:1

**Copyright notice**

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**Curvature**

Flat

**Detachable stand**

Yes

**Dimension note (imperial)**

Without stand.

**Dimensions (W x D x H) Note**

Without stand.

**Dimensions With Stand (W x D x H)**

61.35 x 21.15 x 51.24 cm

**Display area (imperial)**

23.49 x 13.22 in

**Display area (metric)**

59.67 x 33.57 cm

**Display contrast ratio (dynamic)**

10000000:1

**Display features**

Pivot rotation; Low blue light mode; Anti-glare; Height adjustable; AMD Freesync™ Premium; Gaming Console Compatible

**Display footnote number**

[1]

**Display Input Type**

1 HDMI 2.0 (with HDCP support); 1 DisplayPort™ 1.4-in (with HDCP support)

**Display scan frequency (horizontal)**

30-210 KHz

**Display scan frequency (vertical)**

60-165 Hz

**Display size (diagonal)**

27"

**Display size (diagonal)**

68.6 cm (27")

**DisplayPort™**

1 DisplayPort™ 1.4

**Ecolabels**

CEL Grade 2

**Ethernet**

No

**Flicker-free**

Yes

**Hardness**

3H

**HDCP**

Yes, DisplayPort™ and HDMI

**HDMI**

1 HDMI 2.0

**Height adjustment range**

100 mm

**Horizontal viewing angle**

178°

**Image legal disclaimer**

Product image may differ from actual product

**Integrated privacy filter**

No

**Legal disclaimer**

All performance specifications are provided by the component manufacturers. Performance specifications represent the highest specification of all HP's component manufacturers' typical level specifications for performance. Actual performance may vary either higher or lower.

**Low blue light modes**

Yes, Eyesafe® Certified

**Management Software**

OMEN Gaming Hub

**Manufacturer Warranty**

3 years limited warranty

**Microphone**

No

**Minimum dimensions (W x D x H)**

24.15 x 1.99 x 14.42 in

**Minimum dimensions (W x D x H)**

61.35 x 5.05 x 36.63 cm

**Native resolution**

FHD (1920 x 1080)

**Native resolution footnote number**

[1]

**Non-Operating Humidity Range**

5 to 95%

**Onscreen controls**

Exit; Information; Management; Power control; Input control; Menu control; Gaming; Image; Color

**Operating humidity range**

20 to 80% non-condensing

**Operating temperature range**

41 to 95°F

**Operating temperature range**

5 to 35°C

**Package dimensions (W x D x H)**

27.09 x 8.86 x 17.32 in

**Package dimensions (W x D x H)**

68.8 x 22.5 x 44 cm

**Package weight**

10.4 kg

**Package weight**

22.93 lb

**Panel bit depth**

8 bit

**Panel technology**

IPS

**Physical security**

None

**pivot**

+90

**Pixel pitch**

0.311 mm

**Pixels per inch (ppi)**

82 ppi

**Power**

100 - 240 VAC 50/60 Hz

**Power consumption**

50 W (maximum), 24 W (typical), 0.5 W (standby)

**Power supply type**

Internal

**Product brand name**

HP

**Product dimensions with stand (W x D x H)**

24.15 x 8.33 x 20.17 in

**Product long name specifications**

HP X27 FHD Gaming Monitor; FHD (1920 x 1080)

**Resolution (maximum)**

FHD (1920 x 1080 @ 165 Hz)

**Resolutions supported**

640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080

**Response time (typical)**

1ms GtG (with overdrive)

**Response time footnote number**

[1]

**Screen treatment**

Anti-glare

**Speakers**

No

**swivel**

No swivel

**Tech spec footnote**

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

**Tilt**

-5 to +20°

**Touch-enabled**

Not touch-enabled

**UNSPSC code**

43211902

**Vertical viewing angle**

178°

**VESA mounting**

100 mm x 100 mm (bracket not included)

**Webcam**

No integrated camera

**Weight**

15.2 lb

**Weight**

6.9 kg

**Weight note (imperial)**

With stand.

**Weight note (metric)**

With stand.

**What's in the box**

Monitor; DisplayPort™ cable; Warranty card; Product notice; AC power cord

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