

HP X27 IPS 165Hz FHD Gaming Monitor



All play, every play.

We've redefined high definition gaming with IPS technology, 165Hz, 1ms response, AMD FreeSync™ Premium, and more colors than ever before.

Product overview

- **Game in comfort:** TÜV Eyesafe® keeps high-energy blue light out and the color accuracy in. Customize your comfort with the adjustable stand.
- **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).⁽¹⁾
- **Smooth moves:** Live in the flow of 165Hz with a super fast 1ms response time and keep your gameplay smooth-as-silk with AMD FreeSync™ Premium.⁽²⁾⁽³⁾
- **A display of responsibility:** Packaging is sustainably sourced and recyclable. Doing good never looked so good.⁽⁶⁾

Key specifications

- **Viewable image area:** 27 inch diagonally measured
- **Panel type:** IPS
- **Aspect ratio:** 16:9
- **Resolution:** Full HD (1920 x 1080)⁽¹⁾
- **Connectivity:**
 - 1 x DisplayPort™ 1.4
 - 1 x HDMI 2.0

Product features

- **Eyesafe® Certified Display:** Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors. Monitors with integrated Eyesafe® displays help reduce eyestrain and improve eye comfort when gaming for long periods of time.
- **Adjust your view:** Adjust your screen's height for comfortable viewing with pivot and tilt capabilities.
- **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.⁽⁶⁾

Additional product features

- **Step up to the best:** No matter where you stand, an HP IPS monitor delivers clear, vivid images. IPS technology ensures image accuracy and consistency across the ultra-wide viewing spectrum.
- **165Hz refresh rate:** This lightning-fast refresh rate practically removes all artifacting and motion blurring for action that looks crisp and gameplay that feels incredibly responsive.⁽³⁾
- **AMD FreeSync™ Premium technology:** Game confidently with a high refresh rate, low framerate compensation, and low latency with AMD FreeSync™ Premium Technology.⁽²⁾
- **Console compatibility:** Easily connects with your favorite current and next gen gaming consoles – just plug and play.
- **1-millisecond response time with Overdrive:** How fast your pixels can react to changing frames is critical for fast-paced gaming, and a 1-millisecond response time ensures even the most action-packed moments are fluid, crisp, and free of motion blur.⁽³⁾
- **Moving Picture Response Time:** Greatly reduces motion blur for a more fluid visual experience.
- **OMEN Gaming Hub:** OMEN Gaming Hub is your one place for everything to make your gaming experience better. From software enhancements to hardware control, and live services, OGH elevates play in easy and simple way.⁽⁸⁾
- **Full HD display:** Be prepared for brilliant visuals and crisp images with the unforgettable quality of this stunning FHD display.⁽¹⁾
- **Highly accurate color:** With 99% sRGB color space, this HP display provides ideal color reproduction with minimal effort.⁽³⁾ Perfect for photos, videos—all your creative projects.
- **Off the desk and on the wall:** The display is equipped with standard VESA mounting for showcasing on a wall or swivel arm.⁽⁷⁾
- **Three-sided micro-edge display:** See more of your screen with a three-sided micro-edge display that maximizes your viewing area.



Panel specifications

Display size	• 27 inch diagonally measured
Panel technology	• IPS
Maximum refresh rate	• 165 Hz ⁽²⁾
Panel bit depth	• 8 bit
Aspect ratio	• 16:9
Brightness	• 400 nits ⁽²⁾
Resolution	• Native: Full HD (1920 x 1080) ⁽¹⁾ • Maximum: 1920 x 1080 @165 Hz
Contrast ratio	• Static: 1000:1 • Dynamic: 10M:1 ⁽⁴⁾
Low blue light	• Yes (Eyesafe® and TÜV certified)
Flicker free	• Yes
Scan rate	• Horizontal: 30 KHz - 210 KHz ⁽³⁾ • Vertical: 60 Hz - 165 Hz ⁽³⁾
Backlight	• Lamp life: 30K • Type: Edge-lit
Screen treatment	• Anti-glare • 3H hardness • 25% Haze
Response time	• 1ms GtG (with overdrive) ⁽³⁾
Viewing angle	• Horizontal: 178° • Vertical: 178°
Variable refresh rate technology	• AMD FreeSync™ Premium ⁽²⁾
Color	• Color gamut: 99% sRGB ⁽³⁾

Monitor specifications

Bezel	• 3-sided micro-edge
Exterior color	• Bezel: Black • Stand: Black
Connectivity/ports	• 1 x DisplayPort™ 1.4 • 1 x HDMI 2.0 • HDCP support (HDMI and DisplayPort™) • 3.5 mm headphone jack
Power	• Power supply: Internal • Power source: 100 - 240 VAC 50/60 Hz
VESA mounting	• 100 mm x 100 mm (bracket not included) ⁽⁷⁾
Height adjustable stand range	• 100 mm
Detachable stand	• Yes

Learn more at [hp.com](https://www.hp.com)

© Copyright 2021 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Actual product may vary from image shown. ⁽¹⁾ Full high-definition (FHD) content is required to view FHD images. ⁽²⁾ Requires a monitor and AMD Radeon™ graphics, both with FreeSync™ Premium support. AMD FreeSync™ Premium requires mandatory low framerate compensation and at least 120 Hz refresh rate at minimum FHD. See www.amd.com/freesync for complete details. Confirm capability with your system manufacturer before purchase. GD-161. ⁽³⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower. ⁽⁴⁾ During video playback only, depending on series of frames or time duration. ⁽⁵⁾ Warranty may vary by country. See www.hp.com/go/support for details. ⁽⁶⁾ Up to 90% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. ⁽⁷⁾ VESA mounting arm or wall mounting assembly sold separately. ⁽⁸⁾ Requires App download to host PC. <https://www.omen.com/us/en/omen-gaming-hub.html> 03/26/2021_r1 tg

Tilt range	• -5 to +20 degrees
Pivot	• 90 degrees
Swivel	• No
Languages	• 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
On screen display	• User programmable modes: 20 • User assignable function buttons: 3 (7 options)
Software	• Omen Gaming Hub

Accessories & warranty

What's in the box	• Power cord • DisplayPort™ cable • Quick Setup poster • Document kit
Warranty	• Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply. ⁽⁵⁾

Approvals & certifications

Agency approvals	• Microsoft WHQL Certification • WW application • CE, CB, KC/KCC/NOM/PSB/ICE/TUV-S/ISO 9241-307/ EAC/cTUVus/PSB/ISC/CCC/CEL/ISC/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/RCM/WEEE/S. Africa NRCS/Ukraine/NOM/TUV-GS/UAE/Mexico energy/Belarus Energy/Eye safe certificate
-------------------------	---

Product/package specifications

Base area footprint	• 8.44 in x 8.33 in • 214.5 cm x 211.5 cm
Unpackaged dimensions	• 24.15 in x 8.33 in x 20.17 in • 61.35 cm x 21.15 cm x 51.24 cm
Packaged dimensions	• 27.09 in x 8.86 in x 17.32 in • 68.8 cm x 22.5 cm x 44 cm
Unpackaged weight	• 15.2 lb • 6.9 kg
Packaged weight	• 22.93 lb • 10.4 kg

Additional information

Product number	• 2V6B2AA#ABA
UPC Code	• 195161914621
Country of origin	• China

