



# HP X27c FHD Gaming Monitor (32G13AA)



## Overview

**Immersive all play, every play.**

Play longer, comfier, and with amazing accuracy on our suite of sweet curved gaming monitors. We've redefined high definition gaming with VA Panel Technology, 165Hz refresh rate, 1ms response time[1], and AMD[2] FreeSync™ Premium[3].



### Believing is Seeing

Find more room to play on these VA 1500R curved monitors in Full HD (1920x1080)[4]. Immerse yourself in even more colors and catch all the action with ultra-wide viewing angles.



### Smooth Moves

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



### Game in comfort

A curved panel that reduces eye strain and has HP Eye Ease with Eyesafe® certification that keeps high-energy bad blue light out and the color accuracy in. Customize your comfort with the adjustable base.



### A Display of Responsibility

Packaging is sustainably sourced and recyclable[5]. Doing good never looked so good.

# 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 to reduce eyestrain when working for long periods of time.



## 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>



## 1,500R curved display

A dramatic curve delivers an incredibly realistic and immersive gaming experience.



## Adjust your view

Adjust your screen for comfortable viewing with tilt capability.



## VA panel

Get wide, 178-degree viewing angles and better black levels for deep, rich contrast.



## 165Hz refresh rate

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

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*[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] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers. Plastic cushions are made from >90% recycled plastic.*

*[7] 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](http://www.amd.com/freesync) for complete details. Confirm capability with your system manufacturer before purchase. GD-161.*

## Specifications

|  |   |
|--|---|
| <b>Display size (diagonal)</b>             | 27"   |
| <b>Panel technology</b>                    | VA  |
| <b>Display size (diagonal)</b>             | 68.6 cm (27")   |
| <b>Aspect ratio</b>                        | 16:9  |
| <b>Native resolution</b>                   | FHD (1920 x 1080) <sup>[1]</sup>  |
| <b>Resolutions supported</b>               | 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  |
| <b>Pixel pitch</b>                         | 0.3114 mm x 0.3114 mm   |
| <b>Brightness</b>                          | 350 nits <sup>[1]</sup>   |
| <b>Contrast ratio</b>                      | 3000:1  |
| <b>Response time (typical)</b>             | 1ms MPRT (with overdrive) <sup>[1]</sup>  |
| <b>Minimum dimensions (W x D x H)</b>      | 61.13 x 8.53 x 36.76 cm<br>(Without stand.)   |
| <b>Dimensions With Stand (W x D x H)</b>   | 61.13 x 21.15 x 51.11 cm  |
| <b>Weight</b>                              | 6.6 kg<br>(With stand.)   |
| <b>Display features</b>                    | Low blue light mode; Anti-glare; 1500R curvature; Height adjustable; AMD Freesync™ Premium; Gaming Console Compatible   |
| <b>Display Input Type</b>                  | 1 HDMI 2.0 (with HDCP support); 1 DisplayPort™ 1.4-in (with HDCP support)   |
| <b>Onscreen controls</b>                   | Exit; Information; Management; Power control; Input control; Menu control; Gaming; Image; Color   |
| <b>Display scan frequency (horizontal)</b> | 30-210 KHz  |
| <b>Display scan frequency (vertical)</b>   | 60-165 Hz   |
| <b>Camera</b>                              | No integrated camera  |
| <b>Power</b>                               | 100 - 240 VAC 50/60 Hz  |
| <b>Power consumption</b>                   | 50 W (maximum), 25 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>Certifications and compliances</b>      | BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; FCC; ISC Mark; ISO 9241-307; KC/KCC; NOM; PSB; TUV-S (Argentina) IEC60950-1; VCCI; WEEE; California Energy Commission (CEC); Mexico Energy; WW application; ICE; UAE; TUV-GS; Ukraine certificates; NRCS of South Africa; PSE EAC; Belarus Energy; Eyesafe® Certified |
| <b>Physical security</b>                   | Security lock-ready   |
| <b>Management Software</b>                 | OMEN Gaming Hub   |

**UPC number**

(A2N) 195697574443; (ABB) 195697574450; (ABT) 195697574467; (ABU) 195697574474; (ABV) 195697574481; (ABY) 195697574498; (ACQ) 195697574504; (AH3) 195697574511; (UUG) 195697574528; (UUZ) 195697574535

**Manufacturer Warranty**

1 year limited warranty.

**What's in the box**

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

## Additional specifications

|   |   |
|---|---|
| <b>Audio port</b>                           | 1 x 3.5 mm Audio Jack (Audio Out)   |
| <b>Backlight type</b>                       | Edge-lit  |
| <b>Bezel</b>                                | 3-sided micro-edge  |
| <b>Card reader</b>                          | No  |
| <b>Color gamut</b>                          | 97% sRGB  |
| <b>Curvature</b>                            | 1500R   |
| <b>Datasheet photo 1</b>                    | AHID/80c53eac3b8cfdc3b2575bb7337aa17eab853bd0   |
| <b>Datasheet photo 2</b>                    | AHID/db00ed4a59e1867707ec9114ae4f2c3d54cebc42   |
| <b>Datasheet photo 3</b>                    | AHID/71584441b8f84eec3531d08e7c2cf9104fac0ea4   |
| <b>Datasheet photo 4</b>                    | AHID/a21d2536ef1bb0ef70add4ce98a4ae36f90bba9b   |
| <b>Detachable stand</b>                     | Yes   |
| <b>Display area (metric)</b>                | 59.69 x 33.63 cm  |
| <b>Display contrast ratio (dynamic)</b>     | 10000000:1  |
| <b>DisplayPort™</b>                         | 1 DisplayPort™ 1.4  |
| <b>Energy efficiency class</b>              | E   |
| <b>Energy efficiency class external url</b> | <a href="https://eprel.ec.europa.eu/screen/product/electronicdisplays/380381">https://eprel.ec.europa.eu/screen/product/electronicdisplays/380381</a> |
| <b>Energy efficiency class label image</b>  | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c07758108.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c07758108.png</a> |
| <b>Energy efficiency class logo</b>         | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c07055646.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c07055646.png</a> |
| <b>Flicker-free</b>                         | Yes   |
| <b>HDCP</b>                                 | Yes, DisplayPort™ and HDMI  |
| <b>HDMI</b>                                 | 1 HDMI 2.0  |
| <b>Hardness</b>                             | 3H  |
| <b>Height adjustment range</b>              | 100 mm  |
| <b>Horizontal viewing angle</b>             | 178°  |
| <b>Integrated privacy filter</b>            | No  |
| <b>Low blue light</b>                       | Yes, Eyesafe® Certified   |
| <b>Microphone</b>                           | No  |
| <b>Non-Operating Humidity Range</b>         | 5 to 95%  |
| <b>Operating temperature range</b>          | 41 to 95°F  |
| <b>Package dimensions (W x D x H)</b>       | 68.8 x 22.5 x 44 cm   |
| <b>Package weight</b>                       | 10.5 kg   |
| <b>Panel bit depth</b>                      | 8 bit   |

|                                     |  |
|-------------------------------------|--|
| <b>Pixels per inch (ppi)</b>        | 82 ppi                                 |
| <b>Power consumption (annual)</b>   | 21 kWh                                 |
| <b>Power consumption (off-mode)</b> | 25 W (typical)                         |
| <b>Power consumption (on-mode)</b>  | 50 W (maximum)                         |
| <b>Power supply type</b>            | Internal                               |
| <b>Product brand name</b>           | HP                                     |
| <b>Resolution (maximum)</b>         | FHD (1920 x 1080 @ 165 Hz)             |
| <b>Screen treatment</b>             | Anti-glare                             |
| <b>Speaker type</b>                 | No                                     |
| <b>Standby mode power demand</b>    | 0.5 W (standby)                        |
| <b>Tilt</b>                         | -5 to +20°                             |
| <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>                       | No swivel                              |

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

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## Disclaimer — Copyright

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.

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