



# HP Pavilion Gaming 32 HDR Display

144Hz Gaming Display with AMD FreeSync™

## HDR display. Designed for play.

The HP Pavilion Gaming 32 HDR Display delivers incredibly smooth, life-like visuals—whether you're gaming, watching videos, or editing photos. Indulge in high contrast colors and captivating definition with advanced DisplayHDR™ 600<sup>1</sup>, while AMD® FreeSync™ technology<sup>2</sup> makes stutter and input lag ancient history.



### The difference is clear

- Experience true-to-life picture on a 81.28 cm (32") diagonal QHD<sup>3</sup> display with DisplayHDR™ 600<sup>1</sup>. With deeper contrast and greater color accuracy, your content—from games to videos—has never been this immersive.

### Smooth, stutter-free gaming

- Put an end to choppy gameplay and broken frames. AMD® FreeSync™ technology<sup>2</sup> helps eliminate image tears and choppiness for an effortlessly smooth gaming experience.

### Easy connectivity

- This versatile display has 2 HDMI, 1 DisplayPort™, 2 USB, and an audio out to seamlessly hook-up all your devices and accessories.

<sup>1</sup> High dynamic range (HDR) content required to view full HDR images.

<sup>2</sup> FreeSync™ is only available when it is connected on DisplayPort or HDMI port. FreeSync™ is an AMD® technology and 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. Monitor, AMD® Radeon™ Graphics and/or AMD® A-Series APU compliant with DisplayPort™ Adaptive-Sync required. AMD® Catalyst™ 15.2 Beta (or newer) required. Adaptive refresh rates vary by display.

<sup>3</sup> Quad high-definition (QHD) content required to view QHD images.

<sup>4</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<sup>5</sup> Standard parts-and-labor hardware 3-year warranty (APJ) [1-year warranty (AMS; EMEA)]. See [www.HP.com/go/support](http://www.HP.com/go/support) for details.

<sup>6</sup> Noise filter reduces image overexposure.

<sup>7</sup> VESA mounting arm or wall mounting assembly sold separately.

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### Product Features

#### High dynamic range display

HDR games and movies appear vivid and colorful, with enhanced contrast on a VESA-certified HDR display. More accurate colors provide a more lifelike visual experience.<sup>1</sup>

#### 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>2</sup>

#### DCI-P3 color space

Get deeper hues and more accurate colors with a wider color gamut than sRGB. DCI-P3 98% closely represents colors on displays as they are in the real world.<sup>4</sup>

#### 600 nits peak luminance

With 2X the brightness of typical displays, 600 nits renders games and movies realistically and yields impressive highlights and deep blacks.<sup>4</sup>

#### VA panel

With a wide, 178° viewing angle and better black levels, VA panels elevate your favorite content with a superb contrast ratio for colors that pop.

#### 75Hz refresh rate

Uncap your in-game frame rate, because with a 75Hz refresh rate this display is capable of clearer, high resolution details smoothly moving from frame to frame allowing for faster split-second reaction time.<sup>4</sup>

#### QHD Display

Get lost in the captivating definition and ultra-sharp details of 3.7 million pixels. The 2560 x 1440 resolution transforms all your content for an remarkable entertainment experience.<sup>3</sup>

#### Peace-of-mind coverage

Rest easy and work confidently with an HP standard 1 year limited warranty (vary by country). Certain restrictions and exclusions apply.<sup>5</sup>

#### User control OSD settings

HP My Display Smart software also lets you partition your screen so that multiple application windows can be open at the same time, and even saves user-preferred settings for any easy startup.

#### Enhanced visuals

HP Enhance+ resolution improves image quality with advanced noise reduction for crisper, cleaner images. By reducing overexposure, this advanced noise filter amplifies your images for crisper photos, videos and games.<sup>6</sup>

#### Easy port access

Quickly connect to your screen with simple and easy access to all your ports for a more convenient experience.

#### Off the desk and on the wall

The display is equipped with standard VESA mounting for showcasing on a wall or swivel arm.<sup>7</sup>

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## Datasheet

# HP Pavilion Gaming 32 HDR Display



<b>Display Size</b>	81.28 cm (32")
<b>Aspect Ratio</b>	16:9
<b>Display type</b>	VA with LED backlight
<b>Pixel pitch</b>	0.276 mm
<b>Response time</b>	5 ms gray to gray (with overdrive)
<b>Contrast ratio</b>	10000000:1 dynamic; 3000:1 static
<b>Viewing angle</b>	178° horizontal; 178° vertical
<b>Video input signal</b>	2 USB 3.0 (downstream)
<b>Resolution</b>	QHD (2560 x 1440 @ 60 Hz)
<b>Display Scan Frequency (horizontal)</b>	Up to 112 kHz
<b>Display Scan Frequency (vertical)</b>	Up to 75 Hz
<b>Display features</b>	Anti-glare; Language selection; LED backlights; Low haze; On-screen controls; Plug and Play; AMD FreeSync™
<b>Display input type</b>	1 DisplayPort™; 2 HDMI
<b>Display moving angle</b>	Tilt: -5 to +21°
<b>Environmental Specifications</b>	Arsenic-free display glass; Low halogen; Mercury-free display backlights
<b>Display User Control Options</b>	Brightness; Color control; Contrast; Exit; Image control; Information; Language; Management; Power control; Input control; Menu control
<b>Dimensions (W x D x H)</b>	73.99 x 5.32 x 43.34 cm
<b>Dimension Note (metric)</b>	Without stand.
<b>Product Dimensions (with stand, metric)</b>	73.99 x 17.89 x 52.23 cm
<b>Weight</b>	9.9 kg
<b>Operating Temperature Range</b>	5 to 35°C
<b>Operating Humidity Range</b>	20 to 80% non-condensing
<b>Certifications and compliances</b>	Australian-New Zealand MEPS; BSMI; CB; CCC; CE; CECP; CEL; CSA; EAC; FCC; ISO 9241-307; KC; KCC; Microsoft WHQL Certification (Windows 10, Windows 8.1 and Windows 7); NOM; PSB; SEPA; SmartWay Transport Partnership (NA); TUV-S; UL; VCCI; Vietnam MEPS; WEEE; ISC; Skype for Business Certified
<b>Warranty</b>	1 year limited warranty
<b>Box Content</b>	AC power cord; DisplayPort™ cable; HDMI cable; USB cable; Warranty card
<b>VESA Mount</b>	100 mm
<b>Ordering info</b>	3BZ12AA#ABB:192545588386;3BZ12AA#AZN:192545588454;3BZ12AA#ABU:192545588393;3BZ12AA#ABV:192545588430;3BZ12AA#ABY:192545588416;3BZ12AA#UUG:192545588447;3BZ12AA#ABT:192545588423;3BZ12AA#UUZ:192545588409

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