HP Pavilion Gaming 32 HDR Display

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[1], while AMD® FreeSync™ technology[2] makes stutter and input lag ancient history.

The difference is clear
Experience true-to-life picture on a 81.28 cm (32") diagonal QHD[3] display with DisplayHDR™ 600[1]. 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[2] 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.

[1] High dynamic range (HDR) content required to view full HDR images.
[2] 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.
[3] Quad high-definition (QHD) content required to view QHD images.

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Featuring

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.

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.

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.

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.

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.

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.

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.

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.

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.

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Display size	81.28 cm (32")
Aspect ratio	16:9
Display type	VA with LED backlight
Pixel pitch	0.276 mm
Response time	5 ms gray to gray (with overdrive) [1]
Brightness	400 cd/m² [1]
Contrast ratio	1000000:1 dynamic; 3000:1 static [1]
Viewing angle	178° horizontal; 178° vertical
Product color	Shadow black
Resolution	QHD (2560 x 1440 @ 60 Hz)
Resolutions supported	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 800; 1440 x 900; 1600 x 1200; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440; 640 x 480; 720 x 400; 800 x 600
Display scan frequency (horizontal)	Up to 112 kHz
Display scan frequency (vertical)	Up to 75 Hz
Display features	Anti-glare; Language selection; LED backlights; Low haze; On-screen controls; Plug and Play; AMD FreeSync™
Display Input Type	1 DisplayPort™; 2 HDMI
Display moving angle	Tilt: –5 to +21°
Environmental specifications	Arsenic-free display glass; Low halogen; Mercury-free display backlights [2]
Energy efficiency	Energy efficiency class: B; On-mode power consumption: 41 W; Annual energy consumption: 60 kWh; Standby: 0.50 W; Power consumption (on-mode): 0.35 W; Power consumption (off-mode): 0.35 W
Display User Control Options	Brightness; Color control; Contrast; Exit; Image control; Information; Language; Management; Power control; Input control; Menu control
Product dimensions	73.99 x 5.32 x 43.34 cm Without stand. 73.99 x 17.89 x 52.23 cm With stand
Weight	9.9 kg
Operating temperature range	5 to 35°C
Operating temperature range	41 to 95°F
Operating humidity range	20 to 80% non-condensing
Certifications and compliances	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
Power supply	Input voltage 100 to 240 VAC
Warranty	2-year limited warranty
What's in the box	AC power cord; DisplayPort™ cable; HDMI cable; USB cable; Warranty card
VESA mount	100 mm
Product number	3BZ12AA
Ordering info	3BZ12AA#ABB:192545588386; 3BZ12AA#A2N:192545588454; 3BZ12AA#ABU:192545588393; 3BZ12AA#ABV:192545588430; 3BZ12AA#ABY:192545588416; 3BZ12AA#UUG:192545588447; 3BZ12AA#ABT:192545588423; 3BZ12AA#UUZ:192545588409