

HP ENVY 27 Display



8 million pixels with power to spare

The 4K panel with micro-edge bezel complements an elegant design that does more than look incredible – it powers your PC or mobile device.⁽¹⁾

Product overview

- **Visual prowess:** Bask in an unparalleled viewing experience that exceeds your wildest expectations. The mesmerizing 4K IPS panel with micro-edge bezel leaves no detail unnoticed.⁽¹⁾
- **In charge:** With versatile USB-C™ connectivity, the ENVY 27 Display surpasses the limits of a typical display. Just one cable delivers video and charges your PC with up to 60 watts of power.⁽²⁾
- **Precision color:** Don't just see – experience. With greater than 99% sRGB⁽³⁾ color accuracy and AMD FreeSync™ technology,⁽⁴⁾ this display captivates with crisper text, smoother images, and vivid, true-to-life color.

Key specifications

- **Viewable image area:** 27-inch display, diagonally measured
- **Aspect ratio:** 16:9
- **Contrast ratio:** 10M:1
- **Resolution:** 3840 x 2160
- **Connectivity:**
 - 1 x HDMI 2.0 (HDCP 2.2 - up to 4K)
 - 1 x HDMI 1.4 (HDCP 1.4)
 - 1 x DisplayPort 1.2
 - 1 x USB-C™ (power delivery up to 60W)⁽²⁾
- **Exterior color:** Black Onyx

Product features

- **Ultra High Definition 4K:** Experience cinematic quality with the incredible definition of 4K. Visuals this impressive are simply unforgettable.⁽¹⁾
- **Micro Edge display:** The barely visible bezel revolutionizes your display by letting a larger screen fit into a smaller frame.
- **Step up to the best:** IPS technology brings you clear views from almost any angle. Every seat is the best seat in the house.
- **Share the panoramic view:** Ultra-wide 178° angle viewing with consistent detail and vibrant color.
- **Off the desk and on the wall:** VESA mounts for easy mounting on a wall or arm.⁽⁹⁾
- **Dual HDMI:** Dual HDMI ports means more options and more devices you can connect for big screen visuals.
- **AMD FreeSync:** Put an end to choppy gameplay and broken frames.⁽⁴⁾

Environmentally conscious

- Energy efficient design and components help reduce power consumption and energy costs.

Warranty and support

- Rest easy and work confidently with an HP standard 1 year limited warranty. Certain restrictions and exclusions apply.⁽⁶⁾



Monitor specifications

Panel type	• IPS LED Backlit
Viewable image area	• 27-inch display, diagonally measured
Viewing angle	• Horizontal: 178° • Vertical: 178°
Surface treatment:	• Advanced haze
Resolution (recommended)	• 3840 x 2160 @ 60 Hz
Aspect ratio	• 16:9
Contrast ratio	• Static Ratio: 1300:1 • Dynamic Ratio: 10M:1 ⁽³⁾
Brightness (typical)	• 350 nits ⁽⁴⁾
Color gamut	• 72%
Color support	• Up to 16.7M colors with the use of FRC technology
Pixel pitch	• 0.1554 x 0.1554 mm • 142 PPI
Panel active area	• 596.74 x 335.66 mm (23.49 x 13.21 in)
Scan range	• Horizontal: 24 to 134 kHz • Vertical: 35 to 60 Hz
Response time	• Panel native 14ms • OD GTG function can support up To 5ms
Connectivity	• 1 x HDMI 2.0 (HDCP 2.2 - up to 4K) • 1 x HDMI 1.4 (HDCP 1.4) • 1 x USB-C™ (power delivery up to 60W) • 1 x DisplayPort 1.2 (HDCP support)
Power supply	• External
Maximum power consumption	• 126W
Energy saving/standby mode	• 0.5W
Tilt	• -5 to +25 degrees
Base area footprint	• 8.66 in x 6.1 in
Detachable stand	• Yes, ships detached
VESA mounting	• VESA wall mounting capable. Bracket not included.
Security lock ready	• Yes
Unpackaged dimensions	• 24.15 in (W) x 6.1 in (D) x 16.90 in (H)
Unpackaged weight	• 12.15 lb
Packaged dimensions	• 28.15 in (W) x 5.51 in (D) x 18.15 in (H)
Packaged weight	• 19.8 lb
Software	• HP MyDisplay Smart software: 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.

On screen display	• Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit • User Programmable Modes: 10 • Monitor Control Buttons: Menu, Plus ("+") /Information, Minus ("-")/Viewing Mode, Exit/Next Input, Power
Languages	• English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese
Certifications	• Windows 7, 8, 10 Microsoft WHQL Certification • CE/CB/MSIP Mexico COC/ICES/ISO 9241-307/ CU/cTUVus/ISC/CCC/CEL/Energy Star/VCCI/FCC/BSMI/WEEE /RCM/ErP

Environmental features

LED backlights	• Mercury-free LED backlighting
Backlight lamp life	• 30K hours
Arsenic-free	• Arsenic-free display glass ⁽⁶⁾
Low halogen	• Low-voltage halogen design ⁽⁵⁾
Certifications	• EPEAT® Silver registered ⁽⁷⁾ • Energy Star® 7.0 qualified

Accessories & warranty

Supplied accessories	• A/C power cable • HDMI cable • USB-C™ 3.1 cable • DP Cable
Limited warranty	• Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply. ⁽⁸⁾

Additional information

Product number	• W5A12AA#ABA
Ad embargo date	• 12/04/2016
UPC Code	• 889899457191
Country of origin	• China
Tariff number	• 8528510000
Pallet information	• Dimensions: 45.12 in x 28.54 in x 4.92 in • Total weight: 678.9 • Layers: 4 • Products per layer: 8 • Total products per pallet: 32

Learn more at hp.com

⁽¹⁾ 4K content required to view full 4K images. ⁽²⁾ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. Use only the HP-approved USB Type-C cable provided with the display. ⁽³⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽⁴⁾ FreeSync is an AMD technology is enabled on FHD 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. ⁽⁵⁾ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. ⁽⁶⁾ Arsenic and its compounds were not detected using U.S. EPA test methods 3052/6010b by ICP-AES with a Method Detection Limit of 10 ppm. ⁽⁷⁾ EPEAT® Silver where HP registers consumer display products. See www.epeat.net for registration status in your country. ⁽⁸⁾ Standard parts-and-labor hardware 1-year warranty. Complimentary Limited Technical Support including initial setup support, is available from HP via multiple contact methods for ninety days from date of purchase. ⁽⁹⁾ VESA mounting arm or wall mounting assembly sold separately.

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