

HP U28 4K HDR Monitor



Built to bring your vision to life

Experience the best quality while producing your best creative on this 28-inch 4K monitor. Built with adjustability settings, an IPS panel and HDR, you'll maximize comfort while enjoying an ultra-broad color range for vivid, lifelike images.

Product overview

- **Picture-perfect details:** It's the details that make all the difference. Built with an IPS panel, HDR and wide viewing angles, this 4K monitor lets you create picture-perfect content as clear as the eye can see.⁽¹⁾
- **True-to-life color:** Get your creative juices flowing using a monitor that's optimized and ready to create with factory color calibration for color accuracy you can trust. Take your content to the next level with presets like sRGB and Display P3. Plus, with HP Eye Ease, enjoy an always-on blue light filter that doesn't impact color accuracy.
- **Designed for a clean, customized workspace:** Customize your workspace around your creative needs. Now you can produce your best content and stay comfortable with full function adjustability. Plus, create a clutter-free space by using a single USB-C® cable to plug into multiple devices.
- **Create with a small carbon footprint:** Create towards a smaller carbon footprint using a display that's built with recycled ocean-bound plastics equating to more than 3 plastic water bottles. And one step further, even our packaging is sustainably sourced and recyclable.⁽⁹⁾

Key specifications

- **Viewable image area:** 28-inch display, diagonally measured
- **Aspect ratio:** 16:9
- **Contrast ratio:** Dynamic Ratio 10M:1⁽³⁾
- **Resolution:** 4K UHD (3840 x 2160 @60Hz)⁽¹⁾⁽²⁾
- **Connectivity:**
 - 1 x HDMI
 - 1 x DisplayPort™
 - 1 x USB-C support: PD65w + Video input + USB hub (USB 3.1 with 4K 30Hz or USB 2.0 with 60Hz)
 - 3 x USB-A 3.1 Gen 1
- **Adjustability:** Height adjust, tilt, pivot, swivel

Product features

- **Ultra High Definition 4K:** Experience cinematic quality with the incredible definition of 4K.⁽¹⁾ Visuals this impressive are simply unforgettable.
- **Factory Color Calibration:** True color accuracy with a color-calibrated 4K display.

Additional product features

- **HP Eye Ease:** An always-on blue light filter that keeps your eyes comfortable with zero impact on color accuracy.
- **Power Delivery with USB-C™:** Simply plug your laptop or mobile device into the USB-C™ port while one connection lets you view your content on the big screen as the display charges your device.
- **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.
- **VESA Certified Display HDR 400:** Brighten your screen with a VESA Certified HDR 400 panel. Stream HDR games and movies with enhanced contrast on your HDR display, creating a vivid, lifelike visual experience.⁽¹⁰⁾
- **Adjust your view:** Adjust your screen's height for comfortable viewing with swivel, pivot and tilt capabilities.
- **Virtually edge-to-edge panel:** A virtually edge-to-edge panel means maximized screen area and expansive entertainment.
- **Extensive port connectivity:** HDMI, DisplayPort™ and a USB 3.0 deliver advanced connectivity for the latest hardware and accessories.
- **Share the panoramic view:** Ultra-wide 178-degree viewing angles with consistent detail and vibrant color.
- **Cable management:** Cord and wire pass-through located on the display stand reduces cord-clutter and helps keep your workspace clean and organized.
- **Extreme detail:** Amazing clarity is delivered by 10,000,000:1 dynamic contrast ratio for deeper blacks, brighter whites, and crisper colors.⁽³⁾⁽⁴⁾
- **Off the desk and on the wall:** This display is equipped with standard VESA mounting for showcasing on a wall or swivel arm.⁽⁷⁾
- **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.⁽¹¹⁾
- **Easily personalize and adjust your display:** Customize your display with easy, intuitive HP Display Center software that lets you tailor your settings, partition screens, and even dim the screen—all through the host PC.

Environmentally conscious

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



Monitor specifications

| | |
|-----------------------------------|---|
| Panel type | • IPS |
| Viewable image area | • 28-inch display, diagonally measured |
| Viewing angle | • Horizontal: 178° • Vertical: 178° |
| Surface treatment | • Anti-glare panel |
| Bezel | • 3-sided borderless |
| Native resolution | • 4K UHD (3840 x 2160 @60Hz) ⁽¹⁾⁽²⁾ |
| Panel bit depth | • 8 bit + FRC |
| Aspect ratio | • 16:9 |
| Contrast ratio | • HDR Ratio: 1000:1 • Dynamic Ratio: 10M:1 ⁽³⁾ |
| Brightness (typical) | • 400 nits ⁽⁴⁾ |
| Color space | • 100% sRGB • 93% DCI-P3 |
| Factory Color Calibrated | • Yes |
| Factory Color Presets | • sRGB D65, sRGB D50, DCI P3 D65, BT.709 |
| Low blue light mode | • Yes |
| Pixel pitch | • 0.16 mm x 0.16 mm • 157 PPI |
| Panel active area | • 620.93 mm x 341.28 mm |
| Response time | • 4 ms GtG with overdrive ⁽²⁾ |
| Connectivity/ports | • 1 x HDMI 2.0 • 1 x DisplayPort™ 1.2 • 1 x USB-C support: PD65W + Video input + USB hub (USB 3.1 with 4K 30Hz or USB 2.0 with 60Hz) • 3 x USB-A 3.1 Gen 1 • 1 x Headphone out (3.5 mm connector) |
| Power supply | • External |
| Maximum power consumption | • 155W |
| Energy saving/standby mode | • 0.5W |
| Exterior color | • Bezel: Black • Stand: Silver |
| Tilt | • -5 to +23 degrees |
| Pivot | • 90 degrees (counter-clockwise only) |
| Swivel | • +/- 35 degrees |
| Height adjustable base | • 120 mm range |
| Base area footprint | • 10.24 in x 7.09 in • 260 mm x 180 mm |
| Detachable base | • Yes, ships detached |
| VESA mounting | • 100 mm x 100 mm ⁽⁷⁾ |
| Security lock ready | • Yes |
| Unpackaged dimensions | • 25.08 in (L) x 7.47 in (W) x 20.92 in (H) • 63.71 cm (L) x 18.99 cm (W) x 53.14 cm (H) |
| Unpackaged weight | • 14.0 lb • 6.35 kg |
| Packaged dimensions | • 32.44 in (L) x 6.5 in (W) x 18.5 in (H) • 82.4 cm (L) x 16.5 cm (W) x 47.0 cm (H) |

Learn more at hp.com

⁽¹⁾ 4K/UHD content required to view 4K/UHD images. ⁽²⁾ DisplayPort 1.2 or HDMI 2.0 required to drive panel at its native resolution ⁽³⁾ Dynamic Contrast Ratios during video playback only, depending on series of frames or time duration. ⁽⁴⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽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⁾ VESA mounting arm or wall mounting assembly sold separately. ⁽⁸⁾ Warranty may vary by country. See www.hp.com/go/support for details. ⁽⁹⁾ Display contains 5% ocean-bound plastics, the equivalent of more than three 16 oz. recycled plastic water bottles. 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Excludes plastic bags and plastic foam sheeting. ⁽¹⁰⁾ DisplayHDR™ is the high-performance Monitor and Display Compliance Test Specification from VESA specifying HDR (High Dynamic Range) quality. See <http://displayhdr.org> for more details. HDR (High Dynamic Range) content is required to view HDR images. ⁽¹¹⁾ FreeSync™ is only available when it is connected on DisplayPort™ 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. 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. © Copyright 2020 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. All other trademarks are the property of their respective owners. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. USB Type-C® and USB-C® are trademarks of USB Implementers Forum. 10/6/2020_r3 tg

| | |
|--------------------------------|---|
| Packaged weight | • 23.0 lb • 10.45 kg |
| Software | • HP Display Center: Customize your display with easy, intuitive HP Display Center software. |
| On screen display | • Brightness +, Color, Image, Input, Power, Menu, Management, Information, Exit |
| User programmable modes | • Programmable: 20 modes • User-assignable function buttons: 4 with 7 options |
| Languages | • 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese) |
| Certifications | • Microsoft WHQL Certification: Windows 10 • WW application. CE,CB,TUV Bauart,cTUVus,CEC,TUV Low Blue Light,ERP,KCC,E-Standby,NOM,S-Mark,ISO 9241-307/ Mexico Energy,ISC,CCC,CEL,TCO,Energy Star,ISC,VCCI,FCC,ICE,C-tick,SABS energy,BSMI,BIS,UAE,WEEE |

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 | • Energy Star® 8 qualified • EPEAT® Silver registered where applicable • CEL Grade 1 • TCO certified |

Accessories & warranty

| | |
|--------------------------|--|
| What's in the box | • A/C power cable 6.2 ft (1.9m) • External power adapter (180W) • HDMI cable 5.9 ft (1.8m) • DP cable 5.9 ft (1.8m) • USB-C cable • Quick Start guide • Product notice • Warranty |
| Limited warranty | • Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply. ⁽⁸⁾ |

Additional information

| | |
|------------------------------|---|
| Product number | • 1Z978AA#ABA |
| Ad embargo date | • 12/06/2020 |
| Internet embargo date | • 11/15/2020 |
| UPC Code | • 194850451591 |
| Country of origin | • China |
| Tariff number | • 8528510000 |
| Pallet information | • Dimensions: 47.24 in x 39.37 in x 78.98 in • Total weight: 758.12 lb • Layers: 4 • Products per layer: 8 • Total products per pallet: 32 |

