HP U28 4K HDR Monitor

Built to bring your vision to life.

Experience the best quality while producing your best creative on this 28" (71.12 cm) 4K[1] HDR monitor. Whether you're creating for web, print, or photography, ensure your content is seen exactly as you intended. With factory color calibration, enjoy color accuracy you can count on. Now, you can always stay comfortable while working with height adjustability and swivel capabilities. Plus, you'll always be keeping the environment in mind when designing with a display built with recycled ocean-bound plastics[2].

Picture-perfect details
It's the details that make all the difference. Built with an IPS panel, HDR and wide viewing angles, this 4K[1] monitor lets you create picture-perfect content as clear as the eye can see.

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®[3] 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[2]. And one step further, even our packaging is sustainably sourced and recyclable[4].

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Featuring

Ultra High Definition 4K
Experience cinematic quality with the incredible definition of 4K.[1]

Factory Color Calibration
True color accuracy with a color-calibrated 4K display.[1]

Ultra-broad color range
Easily switch between sRGB for ideal color reproduction and DCI-P3 for deeper hues and a wider color gamut.

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™
View your content on the big screen and charge your device at the same time.[3]

Step up to the best
IPS technology brings you clear views from almost any angle. Every seat is the best seat in the house.

VESA Certified DisplayHDR 400
Brighten your screen with enhanced contrast for a lifelike visual experience.[5]

Adjust your view
Adjust your screen's height with swivel, pivot and tilt capabilities.

Compact, sleek design
Slim design and single connection gives you more room for an enhanced computing experience.

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 hub deliver advanced connectivity for the latest hardware and accessories.[6]

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 with 10,000,000:1 dynamic contrast ratio for richer colors and clarity.[7]

Off the desk and on the wall
VESA mounts for easy mounting on a wall or arm.[8]

AMD® FreeSync™ technology
Makes display stutter, input lag, and screen tears ancient history.[9]

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.

Included headphone jack
Easily plug in your headphones for a more lifelike experience.

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[5] 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.
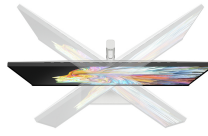[6] DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.
[7] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
[8] VESA mounting arm or wall mounting assembly sold separately.
[9] 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.

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Product number	1Z980AA
Display size	71.12 cm (28")
Aspect ratio	16:9
Display type	IPS
Pixel pitch	0.116 mm
Response time	4ms GtG (with overdrive)
Brightness	400 nits
Contrast ratio	1000:1
Product color	Black bezel, silver stand; 93% DCI-P3; 100% sRGB
Resolution (maximum)	4K UHD (3840 x 2160 @ 60 Hz)
Resolutions supported	1024 x 768; 1280 x 1024; 1440 x 900; 1600 x 900; 1920 x 1080; 1920 x 1200; 2560 x 1440; 3840 x 2160; 640 x 480; 720 x 400; 800 x 600
Display scan frequency (horizontal)	27-136 KHz
Display scan frequency (vertical)	30-60 Hz
Display features	On-screen controls; Low blue light mode; Anti-glare
Physical security features	Security lock-ready
Environmental specifications	Arsenic-free display glass; Low halogen; Mercury-free display backlights; TCO Certified
Energy efficiency	Energy efficiency class: F; On-mode power consumption: Standard - 26.9 W; HDR - 31.8 W; Annual energy consumption: 27 kWh; Standby: 0.5 W; Power consumption (on-mode): Standard - 26.9 W; HDR - 31.8 W; Power consumption (off-mode): 0.3 W
Display User Control Options	Exit; Information; Management; Input control; Menu control; Brightness+; Image; Color
Webcam	No integrated camera
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing
Ecolabels	ENERGY STAR® certified; EPEAT® Silver
Certifications and compliances	Australian-New Zealand MEPS; BSMI; CB; CCC; CE; CECP; CEL; EAC; ENERGY STAR®; FCC; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TCO Certified; TUV-S; UL/CSA; VCCI; Vietnam MEPS; WEEE; ISC; WW application; ICE
Power supply	100 - 240 VAC 50/60 Hz
VESA mount	100 mm x 100 mm
Ordering info	194850451683
Pixels per inch (ppi)	157 ppi
Panel bit depth	8 bit
Vertical viewing angle	178°
Horizontal viewing angle	178°
Bezel	3-sided micro-edge
Swivel	±35°
Tilt	-5 to +23°
Pivot	−90
Height adjustment range	120 mm
Hardness	3H
Low blue light modes	Yes
UPC number	194850451683
Dimension note (metric)	Without stand.
Weight note (metric)	With stand.
Dimensions (L x W x H)	63.71 x 4.34 x 37.12 cm
Weight	6.35 kg
Warranty	2 year parts and labour limited warranty.
What's in the box	Monitor; DisplayPort™ cable; HDMI cable; USB Type-C™ cable; Warranty card; External power supplier; Product notice; AC power cable
Package Dimensions (L x W x H)	82.4 x 16.5 x 47 cm
Package weight	10.45 kg
Port and Connectors	USB Type-C® video input: 1 SuperSpeed USB Type-C® 5Gbps signaling rate (up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.2); Hdmi: 1 HDMI 2.0; Displayport™: 1 DisplayPort™ 1.2; Usb a: 3 SuperSpeed USB Type-A 5Gbps signaling rate; Audio port: 1 Headphone Out Combo Jack; Ethernet: No; Card reader: No

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Messaging Footnotes

[1] 4K content required to view full 4K images.
[2] Display contains 5% ocean-bound plastics, the equivalent of more than three 16 oz. recycled plastic water bottles.
[3] USB Type-C®and USB-C®are trademarks of USB Implementers Forum.
[4] 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.

Technical Specifications Footnotes

[1] DisplayPort 1.2 or HDMI 2.0 required to drive panel at its native resolution.