HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor – 727pk (8J9G2AA)

Overview

Designed for your reality

Create awe-inspiring work with true-to-life clarity. The HP 27" 4K Thunderbolt 4 Monitor helps illuminate your ideas in a fully calibrated array of stunning colors. Power through your heftiest multitasking thanks to this high-performance display.

Your vision, exactly as you dream it

See your work at its most bold and beautiful. Trust what you see right out of the box with factory-calibrated color accuracy on a DreamColor-class display.[1] Jump into a wide array of vivid, lifelike hues and rich contrast thanks to IPS Black 4K monitor, HDR400, 98% Display P3, and more.[2]

Made to fit you perfectly

For all day comfort, settle into your workflow by finding your screen's perfect position with four-way adjustability and Ergonomic Setup Guide.[5] Help your eyes stay fresh, day or night, with the ambient light sensor that automatically adjusts the monitor's brightness.

Productivity at its most beautiful

Get the power to take on any task, unhindered. This superfast Thunderbolt™ 4 display delivers high-resolution video, high-speed data, and up to 100W charging.[4] Ditch the extra cables, and enjoy the freedom and performance of this single-cable solution.

Materials that make an impact

The better choice for a brighter tomorrow, this energy-efficient monitor is made with 90% recycled plastic content.[6] And with 100% sustainably sourced packaging[7], you can be confident knowing your monitor does good things for you and the planet.

Features

4K UHD Resolution

Get lost in the captivating definition and ultra-precise details of 4K UHD on this 27" monitor. The pixel-dense 3840 x 2160 resolution expands your workspace and transforms all your content into a remarkable, lifelike experience.

IPS Black Technology

View brilliant visuals from any angle with deeper colors, darker shadows, and brighter highlights with IPS Black. Enjoy a stunning 2,000:1 contrast ratio—twice that of a traditional IPS—and ultra-wide viewing angles.[2]

Superb Color Accuracy

For color-critical projects, trust this Pantone-validated™ display with superb color accuracy, achieved by strict factory color calibration that ensures over 400 colors achieve a Delta E < 2, making any color difference virtually indistinguishable.

HDR and Wide Color Gamut

Replicate reality on your screen with 98% Display P3, 100% sRGB and VESA DisplayHDR™ 400 for a wide range of vibrant colors and deeper hues that represent colors as they are in the real world.[2]

HP User Color Recalibration

For professionals who demand exact, consistent, and top-quality color for their monitor, this feature allows users to recalibrate their displays to maintain professional-grade color accuracy throughout the life of the monitor.[8]

Thunderbolt™ 4 Technology

Multitask as a pro with a display that supports up to two 4K monitors through superfast Thunderbolt™ 4 to deliver video and data at speeds up to 40Gpbs while charging devices up to 100W with a single cable for a seamless work setup.[4]

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[1] A DreamColor-class display is defined by 1) Factory calibrated color accuracy with Delta E < 2 for each measured color, 2) 10-bit color (either True 10-bit or 8bit +FRC) , and 3) a color gamut of 98% Display P3 or greater.

[2] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.

[4] For full Thunderbolt™ 4 functionality, host PC must support Thunderbolt™ 4.

[5] Ergonomic Setup Guide is available through HP Display Center. Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.

[6] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard. Plastics consist of 90% Post-Consumer Recycled, with 85% post-consumer recycled plastics + 5% Ocean-Bound Plastics (PET).

[7] 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. Any plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting

[8] Requires external colorimeter or spectrometer via USB-C® and HP Display Center. Host PC requires Windows 10 or higher or MacOS 12 or higher. HP Display Center for Windows is available on the Microsoft store. For Windows and MacOS, it's available on support.hp.com.

Specifications

Display size (diagonal)	27"
Panel technology	IPS Black
Display size (diagonal)	68.6 cm (27")
Aspect ratio	16:9[1]
Native resolution	4K UHD (3840 x 2160)[1,2]
Resolutions supported	640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 1024; 1440 x 900; 1600 x 900; 1600 x 1200; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440; 3840 x 2160
Pixel pitch	0.15 x 0.15 mm[1]
Brightness	400 nits[1]
Contrast ratio	2000:1[1]
Response time (typical)	5ms GtG (with overdrive)[1]
Minimum dimensions (W x D x H)	61.34 x 7.45 x 35.4 cm *(without stand)*
Minimum dimensions (W x D x H)	24.15 x 2.93 x 13.94 in *(without stand)*
Dimensions With Stand (W x D x H)	61.34 x 22.52 x 54.05 cm
Weight	6.5 kg *(with stand)*
Weight	14.3 lb *(with stand)*
Display features	Single Power ON; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease; IPS Black; Ambient light sensor; KVM switch; Daisy chain; Picture-in-Picture; Picture-by-Picture; Pantone validated; Factory color calibration; HP User Color recalibration
Onscreen controls	Color; Image; Input; Power; Menu; Management; Information; Exit; Split screen
Display colors	Up to 1.07 billion colors supported[1,3]
Display scan frequency (horizontal)	30-140 kHz[1]
Display scan frequency (vertical)	29-60 Hz[1]
Camera	No integrated camera
Power	100 - 240 VAC 50/60 Hz
Power consumption	215 W (maximum), 43 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35℃
Operating humidity range	20 to 80% RH (non-condensing)

Sustainable impact specifications	Low halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 90% post-consumer recycled plastic; Made with 15% recycled steel; 90% recycled aluminum
Certifications and compliances	BIS; BSMI; CB; CCC; CE; CECP; CEL; EAC; FCC; ISO 9241-307; KC; KCC; NOM; PSB; RCM; SEPA; TUV-S; UL/CSA; VCCI; WEEE; ISC; Low blue light; ICE; UAE; GS; Ukraine EE; Belarus EE; Korea MEPS; CEL Grade 2
Physical security	Security lock-ready[5]
Management Software	HP Display Center; HP Display Manager
UPC number	(A2K) 197497766134; (A2N) 197497766165; (AB0) 197497766189; (AB1) 197497766202; (AB2) 197497766219; (AB4) 197497766233; (ABA) 197497766271; (ABB) 197497766295; (ABG) 197497766318; (ABJ) 4570101853660; (ABT) 197497766349; (ABU) 197497766356; (ABV) 197497766370; (ABY) 197497766400; (ACJ) 197497766431; (ACQ) 197497766455; (AH3) 197497766479; (AKL) 197497766486; (AR6) 197497766493; (UUF) 197497766523; (UUZ) 197497766530
Manufacturer Warranty	HP three-year limited warranty
What's in the box	Monitor; Thunderbolt™ cable; DisplayPort™ cable; HDMI cable; Warranty card; Quick Setup Poster; 1 USB Type-C® to Type-A cable; AC power cord; Color calibration report; VESA mount adapter[4]

Additional specifications

Backlight lamp life	30,000 hours
Backlight type	Edge-lit
Base area footprint (imperial)	10.08 x 7.68 in
Base area footprint (metric)	25.6 x 19.5 cm
Bezel	4-sided borderless
Color gamut	100% sRGB; 98% Display P3
Compatibility disclaimer 1	Power consumption of Desktop Mini PC varies per configuration, for the best user experience, please connect PC power cord while using USB-C® cable via Super Speed USB Type-C® port in the rear side of the platform.
Country of origin	Made in China
Curvature	Flat
Datasheet photo 1	AHID/c274e3c834b0089ac8a30bfd639c121ba196cb99
Datasheet photo 2	AHID/a781550a16fd814038f143cad8a8e084c8a2f0a1
Datasheet photo 3	AHID/bd886eb5fdbec194a08ff08928e55bfe7f10d73f
Datasheet photo 4	AHID/c45d5a0ca1274220625f16503ddacf1b59724f1f
Detachable stand	Yes
Display area (imperial)	23.49 x 13.22 in
Display area (metric)	59.67 x 33.57 cm
DisplayPort™	1 DisplayPort™ 1.4
DisplayPort™ Out	1 DisplayPort™ 1.4-out
Energy star certified	ENERGY STAR® certified
Ethernet	1 RJ-45 (10/100/1000 Mbps)
Flicker-free	Yes
HDCP	Yes, DisplayPort™, HDMI and Thunderbolt™
HDMI	1 HDMI 2.0
HDR	VESA DisplayHDR™ 400
Hardness	3H[1]
Haze	25%
Height adjustment range	150 mm
Horizontal viewing angle	178°
Low blue light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)[1]
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	71.5 x 16.1 x 45.5 cm
Package dimensions (W x D x H)	28.15 x 6.34 x 17.91 in

Package weight	21.6 lb
Package weight	9.8 kg
Panel bit depth	10 bit (8 bit + FRC)[1]
Pixels per inch (ppi)	163 ppi[1]
Power supply type	Internal
Product dimensions with stand (W x D x H)	24.15 x 8.87 x 21.28 in
Refresh rate (maximum)	60 Hz
Remote manageability	Out-of-Band MAC Address Pass Through (MAPT); Out-of-Band Wake on LAN (WoL); PXE Boot
Resolution (maximum)	4K UHD (3840 x 2160 @ 60 Hz)[1]
Screen treatment	Anti-glare
Stand color	Black; Silver
Technology logo 1	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08056676.jpg
Technology logo 2	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123379.png
Technology logo 3	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png
Technology logo 4	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08949501.png
Tilt	-5 to +20°
UNSPSC code	43211902
USB Type-A	5 USB Type-A 10Gbps signaling rate (1 charging with 7.5 W)
USB Type-C® video input	1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (up to 100 W USB Power Delivery, DisplayPort™ 1.4); 1 Thunderbolt™ 4 Out for Daisy chain (15 W charging)
VESA mounting	100 x 100 mm (bracket included)
Vertical viewing angle	178°
pivot	±90°
swivel	±45°

[1] All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.

[2] DisplayPort™ 1.4 or HDMI 2.0 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 3840 × 2160 at 60 Hz with 10-bit color using one DisplayPort™, HDMI, or USB-C (DisplayPort™ alt mode), Thunderbolt™. The video card of the connected PC must be capable of supporting 3840 × 2160 at 60 Hz and include 1 HDMI or 1 DisplayPort™ outputs to drive the monitor at the Preferred Mode.

[3] Number of colors through A-FRC technology.

[4] Included cables may vary by country.

[5] Lock sold separately.

Accessories

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

★ : Recommended

Mounting Kits

HP B560 PC Mounting Bracket	763U8AA
HP Desktop Mini v4+ VESA Sleeve	99T54AA
HP Quick Release Bracket 2	6KD15AA
HP Quick Release Monitor Single Arm	762U0AA

Security and Protection

PC Locks

HP Business PC Security Lock v3 Kit	3XJ17AA

Audio/Multimedia and Communication Devices

Speakers

HP Z G3 Conferencing Speaker Bar	32C42AA

Cabinets and Stands

Monitor Stands

Z G3 Conferencing Speaker Bar Stand	74N60AA

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