



HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm (8K135AA)



Overview

Intelligent conferencing: Recreating reality

Effortlessly make a great impression with built-in AI on the HP 27" 4K Conferencing Monitor. Intelligent conferencing delivers productive, high-quality collaboration every time. And it's all on a dazzling display with powerful Thunderbolt™ 4.



Put your best self on display

Usher in a new era of intelligent conferencing with effortless AI experiences across any OS. Collaborate like you're face to face thanks to lifelike audio and visual clarity from the 5MP HDR AI webcam with integrated speakers so you can always conference with confidence.



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.[2] Jump into a wide array of vivid, lifelike hues and rich contrast thanks to IPS Black 4K monitor, HDR400, 98% Display P3, and more.[3]



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.[1] 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 at least 90% recycled plastic content.[5] And with 100% sustainably sourced packaging[6], you can be confident knowing your monitor does good things for you and the planet.

Features

Intelligent 5MP HDR AI Webcam

The Poly Studio 5MP HDR AI webcam adapts to lighting conditions and always keeps you in focus with built-in AI collaboration features across any OS.

Full-Suite AI Experience

Collaborate confidently with a host of built-in AI webcam features. Auto framing keeps you front and center, background blur minimizes distractions, and auto lock and awake offers added security so you can focus on your conversation, not your tech.

AI Noise Reduction

Upgrade your conference call experience with HP AI-based noise reduction filters. Limit distractions including dogs, sirens, construction, and other meetings so you're heard loud and clear no matter what's happening around you.

Poly Studio Audio with DTS® Virtual:X™

Never miss a beat with the high-quality, immersive sound of 4 speakers with DTS® Virtual:X™ technology — perfect for music, meetings, and more.

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.^[3]

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

[2] 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.

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

[5] 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).

[6] 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.

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 7.55 x 35.4 cm (without stand)
Minimum dimensions (W x D x H)	24.15 x 2.97 x 13.94 in (without stand)
Dimensions With Stand (W x D x H)	61.34 x 22.52 x 54.05 cm
Weight	7 kg (with stand)
Weight	15.4 lb (with stand)
Display features	Single Power ON; Height Adjust/Tilt/Swivel/Pivot; Integrated speakers; HP Eye Ease; Integrated microphone; IPS Black; Ambient light sensor; KVM switch; Daisy chain; Picture-in-Picture; Picture-by-Picture; Presence detection sensor; Pantone validated; Factory color calibration; HP User Color recalibration
Onscreen controls	Color; Image; Input; Power; Menu; Management; Information; Split screen; Audio
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	Yes, 5MP HDR
Power	100 - 240 VAC 50/60 Hz
Power consumption	236 W (maximum), 46 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
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; WW application; 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) 197497774474; (A2N) 197497774481; (AB0) 197497774504; (AB1) 197497774511; (AB2) 197497774528; (AB4) 197497774559; (ABA) 197497774566; (ABB) 197497774573; (ABG) 197497774580; (ABJ) 4570101853950; (ABT) 197497774597; (ABU) 197497774627; (ABV) 197497774634; (ABY) 197497774641; (ACJ) 197497774665; (ACQ) 197497774672; (AH3) 197497774689; (AKL) 197497774696; (AR6) 197497774702; (UUF) 197497774719; (UUZ) 197497774726
Manufacturer Warranty	HP three-year limited warranty
What's in the box	Monitor; Thunderbolt™ cable; DisplayPort™ cable; HDMI cable; Warranty card; AC power cable; Quick Setup Poster; 1 USB Type-C® to Type-A cable; Color calibration report; VESA mount adapter ^[4]

Additional specifications

Audio	DTS Virtual:X™ certified
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
Camera features	Windows Hello support (IR Sensor); Pop-up privacy; HDR; Auto framing; Background blur; Auto Lock and Awake
Certified collaboration software	Zoom
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/647bf2a5e1e99bd57acd756faf4232b267109b81
Datasheet photo 2	AHID/d668133ef459c769d05e4ef00dffe32bb9db7c3e
Datasheet photo 3	AHID/4e0d83c4de38099e0410a1309432410a57c41e37
Datasheet photo 4	AHID/a1075e5378d24dbe34786ed739d1e7a259ac08eb
Detachable stand	Yes
Diagonal field of view (dFoV)	95.6° (RGB)
Display area (imperial)	23.49 x 13.22 in
Display area (metric)	59.67 x 33.57 cm
Display contrast ratio (dynamic)	10000000:1
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]
Max video resolution	2688 x 1944 at 30 fps
Microphone	Yes (dual microphones with DNN noise cancellation)
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	28.15 x 6.34 x 17.91 in
Package dimensions (W x D x H)	71.5 x 16.1 x 45.5 cm
Package weight	22.7 lb
Package weight	10.3 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
Speaker output power	4 x 3 W
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/c08373057.png
Technology logo 5	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08933948.png
Technology logo 6	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°
Viewable diagonal size	27" (68.47 cm)

Windows Hello compatible	Yes
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 for PC

Stands/Mounting Brackets

★ : Recommended

Mounting Brackets

HP B560 PC Mounting Bracket	763U8AA
HP Quick Release Bracket 2	6KD15AA

Stands

HP Quick Release Monitor Single Arm	762U0AA
-------------------------------------	---------

Security

Security Cables

HP Business PC Security Lock v3 Kit	3XJ17AA
-------------------------------------	---------

Components/Upgrades

Chassis/Rails

HP Desktop Mini v4+ VESA Sleeve	99T54AA
---------------------------------	---------

Disclaimer — Copyright

DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. Thunderbolt™ and the Thunderbolt logo are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. PANTONE® is a trademark or registered trademark of Pantone LLC in the United States and/or other countries. ENERGY STAR® is a registered mark owned by the U.S. government. EPEAT® is a registered trademark of Green Electronics Council. For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS, Inc. (for companies headquartered in the U.S./Japan/Taiwan) or under license from DTS Licensing Limited (for all other companies). DTS, DTS:X, Virtual:X, and the DTS:X logo are registered trademarks or trademarks of DTS, Inc. in the United States and other countries. © 2024 DTS, Inc. ALL RIGHTS RESERVED.

© Copyright 2023 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 herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.