



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; LCD
Display Size (diagonal, metric)	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 (typical)	400 nits ^[1]
Display Contrast Ratio (Static)	2000:1 ^[1]
Response Time (Typical)	5ms GtG (with overdrive) ^[1]
Product Dimensions (metric)	61.34 x 7.55 x 35.4 cm <i>(without stand)</i>
Product Dimensions (imperial)	24.15 x 2.97 x 13.94 in <i>(without stand)</i>
Product Dimensions (with stand metric)	61.34 x 22.52 x 54.05 cm
Weight (metric)	7 kg <i>(with stand)</i>
Weight (imperial)	15.4 lb <i>(with stand)</i>
Display Features	Docking monitor
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	5 MP HDR camera
Power Supply Required	100 - 240 VAC 50/60 Hz
Power Consumption Description	236 W (maximum), 46 W (typical), 0.5 W (standby)
Operating Temperature Range (celsius)	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	Standard lock slot ^[5]
Management Software	HP Display Center; HP Client Management Script Library ^[6,13]
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 Is 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 Features	DTS Virtual:X™ certified
Backlight Lamp Life Minimum (To Half Brightness)	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 Calibration Features	Factory color calibration; HP User Color recalibration
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.
Curvature	Flat
Datasheet Photo 01	AHID/647bf2a5e1e99bd57acd756faf4232b267109b81
Datasheet Photo 02	AHID/d668133ef459c769d05e4ef00dffe32bb9db7c3e
Datasheet Photo 03	AHID/4e0d83c4de38099e0410a1309432410a57c41e37
Datasheet Photo 04	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 Color Gamut	100% sRGB; 98% Display P3; Pantone validated
Display Contrast Ratio (Dynamic)	10000000:1
DisplayPort™	1 DisplayPort™ 1.4
DisplayPort™ Out	1 DisplayPort™ 1.4-out
EPEAT Registered	EPEAT registered with Climate+
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 Modes	HP Eye Ease (TÜV Low Blue Light Hardware Solution certified) ^[1]
Maximum Camera Resolution	2688 x 1944 at 30 fps
Microphone	Dual microphones with DNN noise cancellation
Operating Temperature Range (fahrenheit)	41 to 95°F
Package Dimensions (imperial)	28.15 x 6.34 x 17.91 in
Package Dimensions (metric)	71.5 x 16.1 x 45.5 cm
Package Weight (imperial)	22.7 lb
Package Weight (metric)	10.3 kg
Panel Bit Depth	10 bit (8 bit + FRC) ^[1]
Pivot	±90°
Pixels Per Inch (PPI)	163 ppi ^[1]
Power Supply Type	Internal
Product Color Description	Black bezel; Silver rear cover
Product Dimensions (with stand, imperial)	24.15 x 8.87 x 21.28 in
Product Long Name Specifications	HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm, 60 Hz, 100% sRGB; 98% Display P3; Pantone validated, IPS Black; LCD, 5 MP HDR camera, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Product Short Name Specifications	HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm, 60 Hz, 100% sRGB; 98% Display P3; Pantone validated, IPS Black; LCD
Productivity Features Included	Daisy chain; KVM switch; Picture-by-Picture; Picture-in-Picture; Single Power ON
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
Special Features	Presence detection sensor
Stand Color	Black; Silver
Stand Type	Base stand; With stand; Height adjustable stand
Swivel	±45°
TCO Certified	TCO Certified, generation 10; TCO Certified, Edge

Technology Logo 01	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08056676.jpg
Technology Logo 02	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123379.png
Technology Logo 03	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png
Technology Logo 04	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08373057.png
Technology Logo 05	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08933948.png
Technology Logo 06	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08949501.png
Tilt	-5 to +20°
UNSPSC Code	43211902
USB A	5 USB Type-A 10Gbps signaling rate (1 charging with 7.5 W)
USB Type-C® Data	1 USB Type-C® 10Gbps signaling rate upstream (Up to 15W USB Power Delivery); 1 USB Type-C® 10Gbps signaling rate (15 W charging)
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°
Video Connectors	HDMI; DisplayPort™-in; DisplayPort™-out; Thunderbolt™
Viewable Diagonal Size	27" (68.47 cm)
Windows Hello Compatible	Yes

[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.

[6] Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.

[13] HP CMSL is estimated to be available between November 2024 to April 2025. HP CMSL is only supported on 64-bit PowerShell 5.1 and higher. CMSL Support Windows 10 version 1809 and higher, and Windows 11. Some limitations may apply to legacy displays. Visit support.hp.com to download HP CMSL.

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
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Security

Security Cables

HP Business PC Security Lock v3 Kit	3XJ17AA
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Components/Upgrades

Chassis/Rails

HP Desktop Mini v4+ VESA Sleeve	99T54AA
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