

HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk PVC Free

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.



*Product image may differ from actual product



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



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.



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.

Sustainability in action

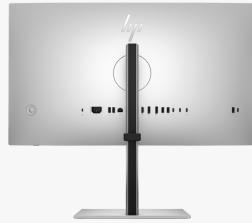
Materials that make an impact

The better choice for a brighter tomorrow, this energy-efficient monitor is made with 90% recycled plastic content.⁶ And with 100% sustainably sourced packaging⁷, you can be confident knowing your monitor does good things for you and the planet.



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Featuring



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 300 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

Smart KVM and PbP

Boost your productivity with Smart KVM switch that seamlessly detects and switches between two different computers, so you can multi-task with just one keyboard and mouse. Plus, see both devices side-by-side on screen with Picture-by-picture.⁹

More Ports. More Flexibility

More ports mean more capabilities. With Thunderbolt™ 4, USB-C® upstream, HDMI 2.0, DisplayPort™ 1.4 In and Out, RJ-45, 1 USB-C® 3.2 Gen 2, and 5 USB-A 3.2 Gen 2 ports, you can daisy-chain multiple monitors and connect a mouse, keyboard, and more.¹⁰

Always-on, True Color, Low-Blue Light Filter

HP Eye Ease is an always-on, low-blue light filter that helps keep your eyes comfortable throughout the day by reducing blue light without impacting color accuracy or adding a yellow color shift.

Sleek and functional design

Sleek design, maximum view—4-sided micro-edge bezel, adjustable stand, and natural silver finish for aesthetic appeal.

HP Display Center

Customize your monitor with the intuitive HP Display Center that lets you tailor your settings, partition screens, and more—all through the host PC. Plus, learn how to find your perfect posture with help from the included HP Ergonomic Setup Guide.¹¹

Remote Management Reimagined

HP Display Manager makes remote management of the monitor easy with a stable ethernet connection enabled by RJ-45. Simplify deployment, asset tracking, and remotely control monitor settings, like turning the power off.¹²

Peace of Mind

Enjoy peace of mind with a 3-year limited warranty and HP Zero Bright Dot Guarantee. For all HP Series 7 Pro monitors, even if one subpixel fails, HP will replace the entire monitor, no questions asked.¹³



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Specifications

Display specifications

Display size (diagonal, metric)
68.6 cm (27")
Aspect ratio
16:9 ¹
Curvature
Flat
Native resolution
4K UHD (3840 x 2160) ^{1,2}
Resolution (maximum)
4K UHD (3840 x 2160 @ 60 Hz) ¹
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
Panel type
IPS Black ¹
Bezel
4-sided borderless
Panel active area
59.67 x 33.57 cm
Panel bit depth
10 bit (8 bit + FRC) ¹
Display colors
Up to 1.07 billion colors supported ^{1,3}
Display color gamut
100% sRGB; 98% Display P3
HDR Support
VESA DisplayHDR™ 400
Refresh rate (maximum)
60 Hz ¹
Display scan frequency
29-60 Hz (Vertical) ¹ 30-140 kHz (Horizontal) ¹
Response time
5ms GtG (with overdrive) ¹
Brightness
400 nits ¹
Contrast ratio
2000:1 (Static) ¹
Pixel pitch
0.15 x 0.15 mm ¹
Pixels per inch (ppi)
163 ppi ¹
Viewing angle
178° (Vertical) ¹ 178° (Horizontal) ¹
Backlight type
Edge-lit
Backlight lamp life
30,000 hours
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
Display User Control Options
Color; Image; Input; Power; Menu; Management; Information; Exit; Split screen
Management software
HP Display Center; HP Display Manager ⁶
Remote manageability
Out-of-Band MAC Address Pass Through (MAPT); Out-of-Band Wake on LAN (WoL); PXE Boot
Low blue light modes
Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified) ¹
Flicker-free
Yes
Screen treatment
Anti-glare
Hardness
3H ¹
Haze
25%
VESA mount
100 x 100 mm (bracket included)
Height adjustment range
150 mm
Tilt
-5 to +20°
Swivel
±45°
Pivot
±90°
Camera
No integrated camera

Connectivity and communications

Port and connectors
1 HDMI 2.0
1 DisplayPort™ 1.4
1 DisplayPort™ 1.4-out
1 USB Type-C® 10Gbps signaling rate upstream (Up to 15W USB Power Delivery); 1 USB Type-C® 10Gbps signaling rate (15 W charging)
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)
5 USB Type-A 10Gbps signaling rate (1 charging with 7.5 W)
1 RJ-45 (10/100/1000 Mbps)
HDCP
Yes, DisplayPort™, HDMI and Thunderbolt™
Power supply
100 - 240 VAC 50/60 Hz
(Internal)
On mode power demand in Standard Dynamic Range (SDR)
26 W
On mode power demand in High Dynamic Range (HDR) mode
46 W
Standby mode power demand
0.5 W

Logistics and Physical

Product color
Black; Silver
Stand color
Black; Silver
Detachable stand
Yes
Physical security
Security lock-ready ⁵
Base area footprint
25.6 x 19.5 cm
Dimensions without Stand (W x D x H)
61.34 x 7.45 x 35.4 cm
Dimensions with stand (W x D x H)
61.34 x 22.52 x 54.05 cm
Weight
6.5 kg (with stand)
Packaged Dimensions (W x D x H)
71.5 x 16.1 x 45.5 cm
Packaged weight
9.8 kg

Certification and compliance

Energy efficiency
ENERGY STAR® certified F
Environmental 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 ^{8,9,10,11,12}
Certifications
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
Microsoft WHQL certification
Windows 11; Windows 10
Operating temperature range
41 to 95°F
Operating humidity range
20 to 80% RH (non-condensing)

Additional information

Part Number
P/N: 8J9G2A5
UPC code: 197497765953
Manufacturer Warranty
HP three-year limited warranty
What's in the box
Monitor; Thunderbolt™ cable; Warranty card; Quick Setup Poster; AC power cord; Color calibration report; VESA mount adapter ⁴
Country of origin
Made in China



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Accessories and services (not included)

HP Z G3 Conferencing Speaker Bar



What you say and hear is just as important as what you see on conference calls. If you are looking for clearer, richer sound along with style and flexibility, look no further than the Z G3 Conferencing Speaker Bar to improve your audio experience¹.

Product number: 32C42AA

¹ Mounting is compatible only for the HP Z24pf Display, HP Z24pn Display, HP Z24pu Display, HP Z32pk Display, HP Z24f G3 Display, HP Z24n G3 Display, HP Z24u G3 Display, HP Z27q G3 Display, HP Z27u G3 Display, HP Z27k G3 Display, HP Z25xs G3 Display, HP Z27xs G3 Display.

² Must paired with Z G3 Conferencing Speaker Bar Stand (74N60AA) to be compatible with selected Series 7 Pro monitors 727pq, 727pu and 727pk.

HP Business PC Security Lock v3 Kit



Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the affordable HP Business PC Security Lock v3 Kit.

Product number: 3XJ17AA

HP Quick Release Bracket 2



Use the HP Quick Release Bracket 2 to attach your HP Desktop Mini to an HP display¹ and a variety of stands, arms or wall mounts.² The failsafe "Sure-Lock" mechanism snaps the PC securely in place, and can be further secured with a theft-deterrent security screw.

Product number: 6KD15AA

Z G3 Conferencing Speaker Bar Stand



Enjoy the flexibility of placing the Z Speaker Bar¹ where you want by mounting it directly to a stand² that can be moved around.

Product number: 74N60AA

¹ Must pair it with the HP Z G3 Conferencing Speaker Bar (32C42AA). Z Speaker Bar sold separately.

² Stand sold separately.

HP Quick Release Monitor Single Arm



Give yourself more options for comfort and more space on your desk with the HP Quick Release Monitor Arm. With three easy options to mount on your desk and quick release attach for select E-Series G5/Series 5 Pro¹ and select Series 7 Pro monitors², it's never been easier to maximize workday comfort and desk space.

Product number: 762U0AA

¹ Compatible with select HP E Series, Series 5 Pro, and Series 7 Pro monitors. Please check detailed compatibility on accessory datasheet.

² Requires monitor VESA adapter for selected models. Please contact your Sales agent or HP Service for further guidance.

HP B560 PC Mounting Bracket



Create a compact, efficient workspace with the HP B560 PC Mounting Bracket. Simply attach your select HP Desktop Mini PC¹ directly behind your select E-Series G5/Series 5 Pro/Series 7 Pro² monitors for an optimized space-saving solution that doesn't interfere with the display's 4-way adjustability.

Product number: 763U8AA

¹ Compatible with Desktop Mini PCs and Workstations that have a 100 mm x 100 mm VESA mount. Use included spacer kit to allow compatibility with HP Thin Clients that have a 100 mm x 100 mm VESA mount.

² Compatible with select HP E Series, Series 5 Pro, and Series 7 Pro monitors. Please check detailed compatibility on accessory datasheet.

HP Desktop Mini v4+ VESA Sleeve



Wrap your HP Desktop Mini PC in the HP Desktop Mini v4+ VESA Sleeve to securely mount it— with or without an Expansion Module^{1,2}—behind your display, position the solution on a wall, and lock it down with the integrated security bracket and optional HP Ultra-Slim Cable Lock.

Product number: 99T54AA

¹ Each sold separately. Expansion Modules are compatible with the HP Desktop Mini v4+ VESA Sleeve (99T54AA). The HP DM VESA Power Supply Holder Kit and HP DM VESA Quick Deploy Adhesive are only compatible with HP Desktop Mini v4+ VESA Sleeve (99T54AA). See product QuickSpecs for exact configurations.

² Requires HP Quick Release Monitor Arm, or HP B600/B550/B560 PC mounting bracket for selected models. Please contact your Sales agent or HP Service for further guidance.



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Footnotes

Messaging Footnotes

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.

³ Number of colors available through A-FRC technology.

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.

⁹ For KVM compatibility, if connected PCs do not have USB-C* port, user will need a USB-C* to A cable. Sold separately.

¹⁰ Comes with AC power cord, DisplayPort™ 1.4 cable; HDMI 2.0 cable; USB Type-A to C cable; and Thunderbolt™ 4 cable.

¹¹ Host PC requires Windows 10 or higher. HP Display Center is available for download on the Microsoft store for Windows or support.hp.com for Windows and MacOS.

¹² HP Display Manager software agent must be running on a web server and host PC. Host PC requires Windows 10 or higher. Some limitations may apply to legacy monitors. HP Display Manager is available for download on support.hp.com.

¹³ The HP Pixel Policy allows no bright sub-pixel defects for this display. For complete details, see <http://support.hp.com/us-en/document/c00288895>

Technical Specifications Footnotes

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.

⁷ EPEAT® registered where applicable. EPEAT® registration varies by country. See www.epeat.net for registration status by country. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

⁸ External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.

⁹ Molded pulp cushions are made from 100% recycled wood fiber and organic materials.

¹⁰ 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

¹¹ Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

¹² Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.

