Datasheet

HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm

Intelligent conferencing, ahead of the curve

Effortlessly make a great impression with built-in AI on the HP 34" WQHD Conferencing Monitor. Intelligent conferencing delivers productive, high-quality collaboration every time. And it's all on a dazzling ultrawide display with powerful Thunderbolt™ 4.



*Product image may differ from actual product

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.

Productivity beyond measure

This cutting-edge WQHD curved monitor provides an ultrawide canvas that makes maximum productivity effortless. Do more, uninterrupted, on more devices with this Thunderbolt™ 4 monitor's incredible performance and advanced workflow features.[1]

Your vision, exactly as you dream it

Reimagine your creative process. Trust what's on screen straight from the box with factory-calibrated color accuracy on a brilliant display. Jump into the wide array of vivid, lifelike colors and rich contrast thanks to IPS Black, HDR400, 98% Display P3, and more.[2]

Sustainability in action

Materials that make an impact

This monitor is made with at least 90% recycled plastic in the monitor enclosure[3] and ships in certified or recycled sources of paper packaging.[4]

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Featuring

Intelligent 5MP HDR AI Webcam
The integrated Poly Studio 5MP HDR AI webcam adapts to lighting conditions to always deliver superb camera quality. No matter the device you work on, the built-in AI collaboration tools ensure you're always ready to make a stellar first impression.

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.

Ultrawide WQHD Display
Boost your productivity with ultrawide 34" curved monitor with 3440 x 1440 WQHD resolution – see all your projects in vivid detail on one expansive screen.

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.[5]

AMD FreeSync™ Premium & High Refresh Rate
Enjoy buttery-smooth scrolling and ultra-fluid, tear-free entertainment at peak performance with AMD FreeSync™ Premium and a 120Hz refresh rate to keep you productive and engaged for work or play.[2,6]

Thunderbolt™ 4 Technology
Multitask as a pro with a superfast Thunderbolt™ 4 monitor 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.[1]

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.[7]

HP Device Bridge 2.0
Simplify multitasking with controlled file sharing at the press of a button. Control two devices: copy/paste files, and switch views seamlessly with one keyboard and mouse.[8]

More Ports. More Flexibility
More ports mean more capabilities. With Thunderbolt™ 4, full-function USB-C®, 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.[9]

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
Add an aesthetic appeal to your workspace with a sleek 3-sided micro-edge bezel and adjustable stand that seamlessly blends form and function. The fresh, light silver color and smooth, seamless back is a perfect match for any home or office setting.

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.[10]

Remote Management Reimagined
HP Client Management Script Library (CMSL) makes remote manageability easy to use. This powerful solution works seamlessly with Intune/SCCM to manage your display fleet using PowerShell.[11]

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.[12]

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Specifications

Display specifications

Display size	86.4 cm (34")[1]
Viewable diagonal size	34.14" (86.72 cm)
Aspect ratio	21:9[1]
Curvature	1900R
Native resolution	WQHD (3440 x 1440)[1,2]
Resolution (maximum)	WQHD (3440 x 1440 @ 120 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; 3440 x 1440
Panel type	IPS Black; LCD[1]
Bezel	3-sided borderless
Panel active area	79.98 x 33.48 cm
Panel bit depth	True 8 bit[1]
Display colors	Up to 16.7 million colors supported[1]
Display color gamut	100% sRGB; 98% Display P3; Pantone validated
Calibrated color presets	99% DCI P3; 100% BT.709; 80% BT.2020; 99% sRGB; 99% Adobe RGB
Color calibration features	Factory color calibration; HP User Color recalibration
HDR Support	VESA DisplayHDR™ 400
Refresh rate (maximum)	120 Hz
Display scan frequency	30-120 Hz (Vertical)[1]; 30-190 kHz (Horizontal)[1]
Response time	5ms GtG (with overdrive)[1]
Brightness	400 nits[1]
Contrast ratio	2000:1 (Static)[1]
Pixel pitch	0.23 x 0.23 mm[1]
Pixels per inch (ppi)	109 ppi
Viewing angle	178° (Vertical) 178° (Horizontal)
Backlight type	Edge-lit
Backlight lamp life	30,000 hours
Display User Control Options	Color; Image; Input; Power; Menu; Management; Information; Split screen; Audio
Management software	HP Display Center; HP Client Management Script Library
Remote manageability	Out-of-Band MAC Address Pass Through (MAPT); Out-of-Band Wake on LAN (WoL); PXE Boot
User updateable firmware	Yes
Low blue light modes	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)
Adjustability	Height adjustment range: 150 mm Tilt: -5 to +20° Swivel: ±10° or ±30°
Camera	5 MP HDR camera
Camera features	Windows Hello support (IR Sensor); Pop-up privacy; HDR; Auto framing; Background blur; Auto Lock and Awake
Max video resolution	2688 x 1944 at 30 fps
Diagonal field of view (dFoV)	95.6° (RGB)
Microphone	Dual microphones with DNN noise cancellation
Speaker output power	4 x 3 W; Built-in speakers
Audio features	DTS Virtual:X™ certified
Languages	11 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian)
Special features	AMD FreeSync™ Premium; Presence detection sensor
Productivity	Daisy chain; Device Bridge 2.0; KVM switch; Picture-by-Picture; Picture-in-Picture; Single Power ON

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 (15 W charging) 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (up to 100 W USB Power Delivery, DisplayPort™ 1.4); 1 USB Type-C® 10Gbps signaling rate (up to 65W USB Power Delivery, Alt Mode 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, USB Type-C® and Thunderbolt™
Power supply	100 - 240 VAC 50/60 Hz (Internal)

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Specifications

Appearance

Product color	Black bezel; Silver rear cover
Stand color	Black; Silver
Detachable stand	Yes
Physical security	Standard lock slot[4]
Base area footprint	32 x 23.5 cm or 32 x 23.8 cm
Dimensions without Stand (W x D x H)	81.38 x 12.02 x 36.41 cm
Dimensions with stand (W x D x H)	81.38 x 26.69 x 54.74 cm or 81.38 x 26.99 x 54.74 cm
Weight	11.35 kg (with stand); 8.78 kg (without stand)
Packaged Dimensions (W x D x H)	95.2 x 22.6 x 48.5 cm
Packaged weight	17.4 kg

Certification and compliance

Energy efficiency class (SDR)	G 
On mode power demand in Standard Dynamic Range (SDR)	32.5 W
On mode power demand in High Dynamic Range (HDR) mode	68 W
Standby mode power demand	0.5 W
Energy efficiency	ENERGY STAR® certified
TCO certified	TCO Certified, generation 10; TCO Certified, Edge[14]
EPEAT registered	EPEAT registered with Climate+[6]
Sustainable impact specifications	At least 90% post-consumer recycled plastic; At least 90% recycled aluminum; At least 15% recycled steel; Low halogen; Outside box and corrugated cushions are made of 100% recycled or certified sources[7,8,9,10]
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; WW application; ICE; UAE; GS; Ukraine EE; Belarus EE; Korea MEPS; CEL Grade 2
Microsoft WHQL certification	Windows 11; Windows 10[13]
Certified collaboration software	Zoom
Environmental	Operating temperature range: 5 to 35°C Non-operating temperature range Operating humidity: 20 to 80% RH (non-condensing) Non-operating humidity: 5 to 95% RH (non-condensing) Operating altitude: Up to 5,000 m Non-operating altitude: Up to 12,192 m

Additional information

Manufacturer Warranty	HP three-year limited warranty
Zero bright dot warranty	Yes
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[3]
Country of origin	Made in China

Logistic information

Pallet Dimensions (L x W x H)	Slip sheet: 115 x 97.2 x 244.1 cm 40 ft HQ) Pallet: 115 x 97.2 x 207.7 cm (40 ft)
Pallet weight	Slip sheet: 442.5 kg (40 ft HQ) Pallet: 364.2 kg (40 ft)
Pallet (layers)	Slip sheet: 5 layers (40 ft HQ); Pallet: 4 layers (40 ft)
Products per layer	5
Products per pallet	Slip Sheet: 25 (40 ft HQ); Pallet: 20 (40 ft)

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Accessories and services (not included)

HP Quick Release Bracket 2		HP Quick Release is an easy to use, 100 mm VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach a flat panel monitor to a variety of stands, brackets, arms or wall mounts.[1] HP Quick Release can also be used for mounting any combination of devices that are compatible with the 100 mm VESA Flat Display Mounting Interface Standard. The failsafe "Sure-Lock" mechanism snaps the monitor (or mounted device) securely in place, and can be further secured with a theft-deterrent security screw. **Product number: 6KD15AA** [1] Please contact your Sales agent or HP Service for further guidance.
HP B560 PC Mounting Bracket		Create a compact workspace with the HP B560 PC Mounting Bracket. Attach your HP Desktop Mini PC[1] behind select E-Series G5[2], Series 5 Pro[3], or Series 7 Pro[4] monitors for a fully adjustable, space-saving solution. **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 the following E-Series monitors: E22 G5, E24 G5, E24t G5, E24q G5, E27 G5, E27q G5, E24u G5, E27u G5, E27k G5, and E32k G5, E45c G5.
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] Sold separately. Expansion Modules are compatible with the HP Desktop Mini v4+ VESA Sleeve (99T54AA). See product QuickSpecs for exact configurations. [2] Requires HP Quick Release Monitor Arm for selected models. Please contact your Sales agent or HP Service for further guidance.
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**

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Footnotes

Messaging Footnotes

[1] For full Thunderbolt™ 4 functionality, host PC must support Thunderbolt™ 4.
[2] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
[3] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT criteria.
[4] HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.
[13] Based on internal testing of HP Series 7 Pro and HP Series 5 Pro monitors with USB Type-C® or HDMI connections to devices on macOS and Windows, March 2024 and September 2024. Requires USB Type-C® or HDMI connectivity. Some features may not be supported.
[5] 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.
[6] Requires host PC with AMD Radeon™ graphics and FreeSync Premium support. See www.amd.com/freesync for complete details.
[7] For KVM compatibility, if connected PCs do not have USB-C® port, user will need a USB-C® to A cable. Sold separately.
[8] HP Device Bridge 2.0 works with two computers and is compatible with Windows 10 and higher and MacOS 10.14 and higher platforms.
[9] Comes with AC power cord, DisplayPort™ 1.4 cable; HDMI 2.0 cable; USB Type-A to C cable; and Thunderbolt™ 4 cable.
[10] 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.
[11] 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.
[12] 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 3440 × 1440 at 120 Hz with 8-bit color using one DisplayPort™ or USB-C (DisplayPort™ alt mode), Thunderbolt™. The video card of the connected PC must be capable of supporting 3440 × 1440 at 60 Hz and include 1 HDMI or 1 DisplayPort™ outputs to drive the monitor at the Preferred Mode.
[3] Included cables may vary by country.
[4] Lock sold separately.
[5] Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.
[6] 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.
[7] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[8] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[9] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[10] 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.
[11] For additional information call your local customer service representative for confirmation of your product spec and dimension.
[12] 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.
[13] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
[14] TCO Certified is a ISO 14024 Type 1 sustainability label for IT products. Compliance with all criteria is independently verified.

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