Datasheet

HP Series 5 Pro 23.8 inch FHD USB-C Conferencing Monitor - 524pm

Conferencing made remarkable with AI

Feel confident collaborating effortlessly with the HP Series 5 Pro 23.8" FHD USB-C Conferencing Monitor. Achieve distraction-free meetings, wherever you work, with advanced AI. Settle into total comfort thanks to a customizable setup.



*Product image may differ from actual product

Conference with confidence

Look and sound your best effortlessly with a Poly Studio 5MP pop-up tiltable webcam and AI Noise Reduction—all on a display with Auto Lock and Awake to keep your business your own. Simply pop down the webcam after your call for on-demand privacy.

Your center of productivity

Make this monitor your hub for clutter-free productivity. Seamlessly work between two computers[2] while a single USB-C® cable handles 100W power delivery. Get even more done with a dual display and daisy-chain another HP Series 5 Pro monitor.[1]

Take control of your comfort

Feel your best all day with 4-way adjustability and sleek, 3-sided borderless design. Keep your eyes comfortable with the Ambient Light Sensor and HP Eye Ease to reduce blue light without impacting color.

Sustainability in action

Materials that make an impact

Designed with at least 85% recycled plastic content in the monitor enclosure[3], 20% recycled glass in the monitor panel[5], 90% recycled aluminum in the stand[4], and ships in packaging with certified or recycled sources of paper packaging.[6]

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Featuring

Sharp & Privacy Ready 5MP Webcam
The Poly Studio 5MP pop-up tiltable webcam delivers superb camera quality and has advanced collaboration tools. Plus, a Time of Flight proximity sensor enables Auto Lock and Awake for on demand privacy.

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.

Intuitive Conferencing Experience
Collaborate confidently with a host of enhanced camera software features. Auto framing keeps you front and center and background blur minimizes distractions.

Integrated 4 x 3W Down Firing Speakers
The integrated, down firing 4 x 3W speakers deliver crystal-clear audio without adding additional cables or external speakers to your desk. Never miss a word with this clean desk solution.

Meetings Made Effortless
Seamlessly collaborate with a Microsoft Teams compatible and Zoom Certified monitor. Access conferencing controls quickly with control buttons on the display.

FHD Resolution
Focus on the finer details and enjoy sharp visuals and crystal clear images with the 1920 x 1080 FHD resolution on this 23.8" diagonal monitor.[7]

IPS Technology
No matter where you are or sit, IPS technology ensures image accuracy and consistency across wide 178-degrees horizontal and vertical viewing angles.[7]

Enhanced Visual Performance
See the nuanced differences of color, shadow, and highlights thanks to the enhanced 1500:1 contrast ratio and clear content with 350 nits of brightness.[7]

100% sRGB Color Gamut
Enjoy highly accurate colors on screen with 100% sRGB. This HP monitor provides ideal color reproduction with minimal effort.[7]

Progressive White Balance
Work better with content that looks the same on both screens. Progressive White Balance is an HP technology that provides consistent white-point matching from screen-to-screen.[8]

USB-C® Power Delivery
Keep your set up simple and seamless with a display that has everything built in. Connect a keyboard and mouse to the ports on the back of this monitor and only one USB-C® cable to your notebook for data, video, and up to 100W of charging.

Daisy Chain a Second HP Series 5 Pro Monitor
Display even more with DisplayPort™ by daisy chaining a second HP Series 5 Pro monitor for the ultimate multi-display setup.[1,9]

Smart KVM
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.[2]

More Ports. More Power. Easily Accessible.
More ports means more capabilities. With HDMI 2.0, DisplayPort™ 1.4 In and Out, USB-C® 3.2 (upstream), RJ-45, audio jack, USB-B (upstream) and 3 USB-A 3.2 ports you can connect multiple devices. Easy rear-facing design makes connecting a breeze.[10]

Sleek Design, Clean Space
See and do more on your screen with a 3-sided borderless with micro-edge bezel design that maximizes your viewing area for a sleek design and virtually seamless dual-monitor setups.

Ambient Light Sensor
Keep your eyes comfortable, day or night, without lifting a finger. The ambient light sensor automatically adjusts your screen's brightness to the lighting of your environment, so your screen is bright during the day and dimmed in the evenings.

Ergonomic Setup Guide
With world-class ergonomic practices at your fingertips, you have the knowledge to fine-tune your display's 4-way adjustability to achieve optimal comfort, all day, thanks to the step-by-step Ergonomic Setup Guide in HP Display Center.[11,12]

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.

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.

Increased Energy Efficiency
HP is committed to helping protect our shared future by minimizing the energy our monitors consume to help reduce energy demand. This monitor is held to the highest energy saving standard with an ENERGY STAR® rating and EPEAT® Gold Registration.[14]

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Specifications

Display specifications

Display size	60.5 cm (23.8")
Viewable diagonal size	23.8" (60.47 cm)
Aspect ratio	16:9[1]
Curvature	Flat
Native resolution	FHD (1920 x 1080)[1,2]
Resolution (maximum)	FHD (1920 x 1080 @ 100 Hz)[1]
Resolutions supported	640 x 480 @ 60 Hz; 640 x 480 @ 75 Hz; 720 x 400 @ 70 Hz; 800 x 600 @ 60 Hz; 800 x 600 @ 75 Hz; 1024 x 768 @ 60 Hz; 1280 x 720 @ 60 Hz; 1280 x 1024 @ 60 Hz; 1440 x 900 @ 60 Hz; 1600 x 900 @ 60 Hz; 1680 x 1050 @ 60 Hz; 1920 x 1080 @ 60 Hz; 1920 x 1080 @ 100 Hz; 1280 x 1024 @ 75 Hz; 1024 x 768 @ 75 Hz; 1280 x 800 @ 60 Hz; 1920 x 1080 @ 75 Hz
Panel type	IPS; LCD
Bezel	3-sided borderless with micro-edge bezel
Panel active area	52.7 x 29.65 cm
Panel bit depth	8 bit (6 bit + FRC)[1]
Display colors	Up to 16.7 million colors supported[1,3]
Display color gamut	100% sRGB
Refresh rate (maximum)	100 Hz
Display scan frequency	50-100 Hz (Vertical)[1]; 30-115 kHz (Horizontal)[1]
Response time	5ms GtG (with overdrive)[1]
Brightness	350 nits[1]
Contrast ratio	1500:1 (Static)[1] 10,000,000:1 (Dynamic)[1]
Pixel pitch	0.27 x 0.27 mm[1]
Pixels per inch (ppi)	93 ppi
Viewing angle	178° (Vertical) 178° (Horizontal)
Backlight type	Edge-lit; WLED
Backlight lamp life	30,000 hours
Display User Control Options	Brightness+; Color; Image; Input; Audio; Power; Menu; Management; Information; Exit
Management software	HP Display Center; HP Client Management Script Library
Remote manageability	In-Band MAC Address Pass Through (MAPT); Out-of-Band MAC Address Pass Through (MAPT); In-Band Wake on LAN (WoL); Out-of-Band Wake on LAN (WoL); PXE Boot; Through HP Client Management Script Library
Low blue light modes	HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Flicker-free	Yes (TÜV certified)
Screen treatment	Anti-glare
Hardness	3H[1]
Haze	25%
VESA mount	100 x 100 mm
Adjustability	Height adjustment range: 150 mm Tilt: -5 to +23° Swivel: ±45° Pivot: ±90°
Camera	5 MP camera
Camera features	Independent tilt -20° to 5°; Windows Hello support (IR Sensor); Pop-up privacy; Auto Lock and Awake
Max video resolution	2592 x 1944 at 30 fps
Diagonal field of view (dFoV)	80° (RGB)
Microphone	Dual microphones with DNN noise reduction
Speaker output power	4 x 3 W; Built in, down-firing speakers
Special features	Ambient light sensor
Productivity	Daisy chain; KVM switch; Single Power ON

Connectivity and communications

Port and connectors	1 HDMI 2.0 1 DisplayPort™ 1.4 1 DisplayPort™ 1.4-out 1 x 3.5 mm Audio Jack (Audio In/Out Combo) 1 USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery) 1 USB Type-C® 5Gbps signaling rate (Up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4) 3 USB Type-A 5Gbps signaling rate (1 charging) 1 USB-B 1 RJ-45 (10/100/1000 Mbps)
HDCP	Yes, DisplayPort™, HDMI and USB Type-C®
Power supply	100 - 240 VAC 50/60 Hz (Internal)

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Specifications

Appearance

Product color	Jet black
Stand color	Jet black; Natural silver
Detachable stand	Yes
Physical security	Standard lock slot[12]
Dimensions without Stand (W x D x H)	21.24 x 1.86 x 12.37 cm (without stand)
Dimensions with stand (W x D x H)	53.94 x 18.95 x 50.32 cm
Weight	9.5 kg (with stand); 4.99 kg (without stand)
Packaged Dimensions (W x D x H)	62.1 x 14 x 39.3 cm
Packaged weight	9.5 kg

Certification and compliance

Energy efficiency class (SDR)	D 
On mode power demand in Standard Dynamic Range (SDR)	14 W
Standby mode power demand	0.5 W
Energy efficiency	ENERGY STAR® certified
TCO certified	TCO Certified, generation 10; TCO Certified, Edge[15]
EPEAT registered	EPEAT registered with Climate+[13]
Sustainable impact specifications	At least 85% ITE-derived closed loop plastic in bezel; Contains ocean-bound plastic; At least 35% recycled metal including 90% recycled aluminum in the stand; Contains 20% recycled glass in the monitor panel; Low halogen; Outside box and corrugated cushions are made of 100% recycled or certified sources[5,6,7,8,9]
Certifications	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; CEL Grade 1; cTUVus; EAC; FCC; ICES; ISO 9241-307; KC; KCC; NOM; PSB; RCM; SEPA; TUV-S; VCCI; Vietnam MEPS; WEEE; ISC; California Energy Commission (CEC); UAE; TGM; Ukraine certificates; TÜV Flicker free certified; NRCS; PSE; GS; Ukraine EE; TÜV Low Blue Light Hardware Solution certified; Korea MEPS; Australian-New Zealand DoC; EMF
Microsoft WHQL certification	Windows 11; Windows 10[14]
Certified collaboration software	Zoom
Environmental	Operating temperature range: 5 to 35°C Operating humidity: 20 to 80% RH (non-condensing) Non-operating humidity: 5 – 95%

Additional information

Product Numbers	9E0G9UT - 524pm (with stand); 9E0G9E9 - 524pm (5 years warranty); 9E0G9A5 - 524pm (PVC free)
Manufacturer Warranty	HP three-year limited warranty
What's in the box	Monitor; DisplayPort™ cable; Warranty card; USB Type-A to B cable; Quick Setup Poster; 1 USB Type-C® to Type-C cable; AC power cord[4]
Country of origin	Made in China and Thailand

Logistic information

Products per layer	8

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Footnotes

Messaging Footnotes

[1] HP Series 5 Pro monitor or additional monitor sold separately.
[2] For KVM compatibility, if connected PCs do not have USB-C® port, user will need a USB-B to A cable.
[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] Recycled metal is expressed as a percentage of the total weight metal as per defined in the EPEAT criteria.
[5] Percentage of recycled glass in the monitor panel varies by product. Recycled glass is expressed as a percentage of the total weight of the glass.
[6] 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.
[15] 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.
[7] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
[8] HP's Progressive White Balance feature is designed to calibrate 100% full white on HP Series 5 Pro monitors. This adjustment is intended to align the white point more closely among various HP Series 5 Pro monitors. However, due to the nature of monitors, perceptible differences in the white color may still occur when the monitors are viewed from varying angles.
[9] 100Hz refresh rate supported on host PCs with DisplayPort™ 1.2 or higher. Host PC may affect the refresh rate combinations of monitors 1 and 2. Refresh rates can be user enabled in PC settings.
[10] AC Power cable, DisplayPort™ 1.4 cable, and USB 3.0 A-B cable, and USB 3.1 C-C cable included. All other cables sold separately.
[11] 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.
[12] 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.
[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.
[14] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information. EPEAT® is a world class ecolabel for electronics and technology products. EPEAT® Gold with Climate+ registered products have met rigorous criteria and been independently verified to assure they have been thoughtfully designed with the planet in mind. With EPEAT Climate+, you're not just choosing products; you're choosing a movement towards corporate responsibility and climate action. This product has been verified to meet ENERGY STAR® requirements.

Technical Specifications Footnotes

[1] All performance 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 1920 x 1080 at 60 Hz with 8 bit color using one DisplayPort™, HDMI. The video card of the connected PC must be capable of supporting 1920 x 1080 and include one DisplayPort™ or one HDMI 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] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[6] ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[7] Ocean Bound plastic is based on the definition set by the UL2809 standard.
[8] 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.
[9] Percentage of recycled glass in the monitor panel varies by product. Recycled glass is expressed as a percentage of the total weight of the glass.
[10] Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.
[11] The Client Management Script Library must be downloaded to the connected PC to run CMSL commands. Some limitations may apply to legacy displays. Visit support.hp.com to download HP CMSL.
[12] Lock sold separately.
[13] 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.
[14] 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.
[15] TCO Certified is a ISO 14024 Type 1 sustainability label for IT products. Compliance with all criteria is independently verified.

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