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

This energy-efficient monitor is thoughtfully designed with at least 85% recycled plastic content,[3] 20% recycled glass in the monitor panel,[5] and 90% recycled aluminum in the stand.[4] Plus, 100% of the paper-based packaging is sustainably sourced.[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
23.8"
Display size (diagonal, metric)
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
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[1]
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[1]
Viewing angle
178° (Vertical) 178° (Horizontal)
Backlight type
Edge-lit; WLED
Backlight lamp life
30,000 hours
Display features
Single Power ON; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; Integrated speakers; HP Eye Ease; Integrated microphone; Ambient light sensor; KVM switch; Daisy chain
Display User Control Options
Brightness+; Color; Image; Input; Audio; Power; Menu; Management; Information; Exit
Management software
HP Display Center; HP Client Management Script Library[10,11]
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
Yes, 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
Height adjustment range
150 mm
Tilt
-5 to +23°
Swivel
±45°
Pivot
±90°
Camera
Yes, 5MP
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
Yes (dual microphones with DNN noise reduction)
Speaker output power
4 x 3 W Built in, down-firing speakers

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)
Power consumption
223 W (maximum), 33 W (typical), 0.5 W (standby)

Logistics and Physical

Product color
Jet black
Stand color
Jet black; Natural silver
Detachable stand
Yes
Physical security
Security lock-ready[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
Products per layer
8

Certification and compliance

Energy efficiency
ENERGY STAR® certified
Ecolabels
TCO Certified; TCO Certified Edge; EPEAT® Gold with Climate+[13]
Environmental specifications
Low halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic; Contains ocean-bound plastic; Contains 20% recycled glass in the monitor panel; At least 35% recycled metal including 90% recycled aluminum in the stand[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
Certified collaboration software
Zoom
Windows Hello compatible
Yes
Operating temperature range
41 to 95°F
Operating humidity range
20 to 80% RH (non-condensing)
Non-operating humidity range
5 - 95%

Additional information

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

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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® standard for computers, IEEE 1680.1-2018 standard.
[4] 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.
[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] 100% of paper-based packaging made from sustainably sourced, certified, and recycled fibers.
[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.

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