

HP Series 5 Pro 23.8 inch FHD Monitor - 524pf

Reimagine what work looks like

Get more out of your workday with the HP Series 5 Pro 23.8" FHD Monitor. Create the setup that works for the way you work, wherever you work, with refined visual clarity and adjustable comfort built into a sleek, modern design.



*Product image may differ from actual product



Elevate your productivity

See more of your work and get more done on this 23.8" FHD resolution monitor. A lightning-fast 100 Hz refresh rate¹ brings out every detail. Elevate your view even more by experiencing bright, vibrant, consistent colors with 100% sRGB¹ and HP Progressive White Balance².



Designed to inspire

Change the way you see your desk. See more of your display with the 3-sided borderless with micro-edge bezel design. To get even more done, daisy-chain³ this display with another HP Series 5 Pro USB-C monitor⁴ or pair it with a dock.



Take control of your comfort

Find a way to feel your best all day with 4-way adjustability optimized by the step-by-step Ergonomic Setup Guide⁵ in HP Display Center⁹. Keep your eyes comfortable with HP Eye Ease by reducing blue light without impacting color.

Sustainability in action

Materials that make an impact

The better choice for a brighter tomorrow, this energy-efficient monitor's enclosure contains at least 90% recycled plastic content⁶. And with 100% of paper-based packaging sustainably sourced⁷, you can feel good about your purchase.

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Featuring

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.¹

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.¹

100 Hz Refresh Rate

With a 100 Hz refresh rate this monitor is capable of clear details, smoothly moving from frame to frame, allowing for fast split-second reaction time.¹

More Contrast

See the nuanced differences of color, shadow, and highlights thanks to the enhanced 1500:1 contrast ratio.¹

High Brightness

350 nits of brightness lets you see clearly. Enhance your visual performance for work or simply enjoying entertainment.¹

100% sRGB Color Gamut

Enjoy highly accurate colors on screen with 100% sRGB. This HP monitor provides ideal color reproduction with minimal effort.¹

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.²

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.

More Ports. Easily Accessible.

More ports means more capabilities. With HDMI 1.4, DisplayPort™ 1.2, USB-B (upstream), and 4 USB-A 3.2 ports, you can connect multiple devices. Easy rear-facing design makes connecting a breeze.⁸

Endless Adjustability

With 4-way adjustability you can customize pivot, tilt, height adjust, and swivel settings to fit you, your desk, and your needs.

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.

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.^{5,9}

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.^{5,9}

Works with Chromebook Certified

The Works With Chromebook badge on a device means it's optimized to work with your Chromebook and other Chrome OS devices. Enjoy a seamless experience across Works With Chromebook certified accessories.¹⁰

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.¹¹



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Specifications



Power supply type	Internal
Swivel	±45°
Port and connectors	1 HDMI 1.4 1 DisplayPort™ 1.2 4 USB Type-A 5Gbps signaling rate (1 charging) 1 USB-B
Physical security	Standard lock slot ⁵
Power supply	100 - 240 VAC 50/60 Hz
Power consumption	58 W (maximum), 22 W (typical), 0.5 W (standby)
Pixels per inch (ppi)	93 ppi
Panel bit depth	8 bit (6 bit + FRC)
Vertical viewing angle	178°
Horizontal viewing angle	178°
Bezel	3-sided borderless with micro-edge bezel
Tilt	-5 to +23°
Pivot	±90°
Height adjustment range	150 mm
Hardness	3H
Screen treatment	Anti-glare
Flicker-free	Yes
Low blue light modes	HP Eye Ease (TUV Low Blue Light Hardware Solution certified)
Management software	HP Display Center; HP Client Management Script Library ^{6,15}
Video connectors	HDMI; DisplayPort™-in
Resolution (maximum)	FHD (1920 x 1080 @ 100 Hz)
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 @ 50 Hz; 1920 x 1080 @ 60 Hz; 1920 x 1080 @ 100 Hz; 1280 x 1024 @ 75 Hz; 720 x 480 @ 60 Hz; 720 x 576 @ 50 Hz; 1024 x 768 @ 75 Hz; 1280 x 720 @ 50 Hz; 1280 x 720 @ 100 Hz; 1280 x 800 @ 60 Hz; 1920 x 1080 @ 75 Hz
Refresh rate (maximum)	100 Hz
Product material	Yes, DisplayPort™ and HDMI
Special features	Progressive white balance; Works with Chromebook
Product color	Jet black
Warranty	HP three-year limited warranty
Certifications and compliances	BIS; BSMi; CB; CCC; CE; CECP; CEL; cTUVus; EAC; FCC; GS Mark; ICES; ISO 9241-307; KC; KCC; NOM; PSB; RCM; SEPA; TUV-S; VCCI; WEEE; ISC; California Energy Commission (CEC); WW application; UAE; TGM; Ukraine certificates; NRCS; PSE; Ukraine EE; TÜV Low Blue Light Hardware Solution certified; Works with Chromebook certified; Korea MEPS; CEL Grade 2; Australian-New Zealand DoC; EMF
What's in the box	Monitor; DisplayPort™ cable; HDMI cable; Warranty card; USB Type-B to A cable; Quick Setup Poster; AC power cord ⁸
Country of origin	Made in China and Vietnam
Dimensions (W x D x H)	21.24 x 1.86 x 12.37 in (without stand)
Weight	10.8 lb (with stand); 7.6 lb (without stand)
Package dimensions (W x D x H)	24.45 x 5.51 x 15.47 in;
Package weight	15.9 lb (with stand); 12.57 lb (without stand);
Pallet (layers)	Slip Sheet: 5 layers (20 ft, 40 ft); 6 layers (40 ft HQ); Pallet: 5 layers (20 ft, 40 ft); 6 layers (40 ft HQ)
Products per layer	12
Products per pallet	Slip Sheet: 60 sets (20 ft, 40 ft); 72 sets (40 ft HQ); Pallet: 60 sets (20 ft, 40 ft); 72 sets (40 ft HQ)
Pallet dimensions (W x D x H)	46.85 x 35.83 x 77.87 in (20 ft, 40 ft); 46.85 x 35.83 x 93.39 in (40 HQ); Pallet: 48 x 40 x 82.56 in (20 ft, 40 ft); 48 x 40 x 98.03 in (40 HQ)
Pallet weight	Slip sheet: 962.3 lb (20 ft, 40 ft), 1155.4 lb (40 HQ); Pallet: 999.7 lb (20 ft, 40 ft), 1191.3 lb (40 HQ);
Display colors	Up to 16.7 million colors supported ¹³
Aspect ratio	16:9 ¹
Display type	IPS; LCD ¹
Pixel pitch	0.28 x 0.28 mm ¹
Response time	5ms GTG (with overdrive) ¹
@@Brightness@@	350 nits ¹
Contrast ratio	1500:1 ¹
Product color	100% sRGB
Display scan frequency (horizontal)	30-120 kHz
Display scan frequency (vertical)	50-100 Hz
Display features	Height Adjust/Tilt/Swivel/Pivot
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; 85% ITE-derived closed loop plastic; Contains ocean-bound plastic; Contains 20% recycled glass in the monitor panel; At least 30% recycled metal including 90% recycled aluminum in the stand ^{8,9,10,12,14}
Ecolabels	TCO Certified; TCO Certified Edge; EPEAT® Gold with Climate+ ⁷
Display User Control Options	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit
Webcam	No integrated camera
Operating temperature range	41 to 95°F; 5 to 35°C
Operating humidity range	20 to 80% RH (non-condensing)
Non-operating humidity range	5-95%



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Footnotes

Messaging Footnotes

- ¹ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
- ² 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.
- ³ 100 Hz 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.
- ⁴ HP Series 5 Pro monitor or additional monitor sold separately.
- 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 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. 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.
- ⁷ 100% of paper-based packaging made from sustainably sourced, certified, and recycled fibers.
- ¹² 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.
- ⁸ AC Power cable, HDMI cable, DisplayPort™ cable, and USB 3.2 A-B cable included. All other cables sold separately.
- ⁹ 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.
- ¹⁰ This product works with devices capable of running the latest version of Chrome OS and has been certified to meet Google's compatibility standards. Google is not responsible for the operation of this product or its compliance with safety requirements. Chromebook and the Works With Chromebook badge are trademarks of Google LLC.
- ¹¹ 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 specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.
- ² DisplayPort™ 1.2 or HDMI 1.4 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 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.
- ¹³ 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.
- ¹⁴ 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.
- ¹⁵ 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.
- ¹⁶ 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>.

