

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

Powerfully designed to connect

Plug into more possibilities with the HP Series 5 Pro 23.8" FHD USB-C Monitor. Its sleek, modern design gives you crisp, stunning visuals and enhanced 100W power delivery with a single cable connection that seamlessly connects to PCs and peripherals at home or in the office.



*Product image may differ from actual product



Your center of productivity

Get more done with your unique hub for unstoppable productivity. Connect any device³ with a single USB-C® cable for strong 100W power delivery. See your work elevated in smooth, crisp detail with 100 Hz refresh rate¹, while also experiencing vibrant, consistent colors with 100% sRGB¹ and HP Progressive White Balance².



Designed to work beautifully together

Transform your space into a seamless workplace. The 3-sided borderless with micro-edge bezel design lets you see more than ever. Daisy-chain⁴ another HP Series 5 Pro monitor⁵ for a perfect dual display setup with next-level productivity.



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 Guide⁶ in HP Display Center⁷. Keep your eyes comfortable with HP Eye Ease by reducing blue light without impacting color.

Sustainability in action

Materials that make an impact

This energy-efficient monitor is thoughtfully designed with at least 90% recycled plastic content⁸, 20% recycled glass in the monitor panel¹⁰, and 90% recycled aluminum in the stand⁹. Plus, 100% of the paper-based packaging is sustainably sourced¹¹.



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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-degree 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

USB-C® Connectivity

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 perfect dual-display setup.^{4,5}

More Ports. More Power. Easily Accessible.

Packed with ports including full-function USB-C®, HDMI 2.0, DisplayPort™ 1.4, USB-C® downstream, plus 3 USB-A 3.2 ports.¹²

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.

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.^{6,7}

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.^{6,7}

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.¹³

Single Power On

Instantly turn on your display and PC, even when the lid is closed, by pressing the power button on the bottom of the display.¹⁴

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.¹⁵



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Specifications

Display specifications

| | |
|-------------------------------------|--|
| Display size | 23.8" ¹ |
| 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 ¹ |
| Bezel | 3-sided micro-edge |
| Panel active area | 20.75 x 11.67 in |
| 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) |
| Brightness | 350 nits ¹ |
| Contrast ratio | 1500:1 (Static) ¹ 10000000:1 (Dynamic) ¹ |
| Pixel pitch | 0.28 x 0.28 mm 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; HP Eye Ease; Daisy chain ¹³ |
| Display User Control Options | Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit |
| Management software | HP Display Center; HP Client Management Script Library ⁶ |
| 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 ¹³ |
| 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 |
| Adjustability | Height adjustment range: 150 mm Tilt: -5 to +23° Swivel: ±45° Pivot: ±90° |

Connectivity and communications

| | |
|----------------------------|--|
| Port and connectors | 1 HDMI 2.0 1 DisplayPort™ 1.4 1 DisplayPort™ 1.4-out 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 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 | Security lock-ready ⁵ |
| Base area footprint | 9.53 x 7.46 in |
| Dimensions without Stand (W x D x H) | 21.24 x 1.86 x 12.37 in (without stand) |
| Dimensions with stand (W x D x H) | 21.24 x 7.46 x 19.81 in |
| Weight | 13.07 lb (with stand) |
| Packaged Dimensions (W x D x H) | 24.45 x 5.51 x 15.47 in |
| Packaged weight | 18.57 lb |

Certification and compliance

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|-----------------------------------|--|
| Power consumption | 198 W (maximum), 22 W (typical), 0.5 W (standby) |
| Energy efficiency | ENERGY STAR® certified |
| Ecolabels | TCO Certified; TCO Certified Edge; EPEAT® Gold with Climate+ ⁷ |
| 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 40% recycled metal including 90% recycled aluminum in the stand ^{8,9,10,11} |
| Certifications | Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; 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 |
| Environmental | Operating temperature range: 41 to 95°F Operating humidity: 20 to 80% RH (non-condensing) Non-operating humidity: 5 - 95% |

Additional information

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|-----------------------|--|
| Manufacturer Warranty | HP three-year limited warranty |
| What's in the box | Monitor; Warranty card; AC power cable; Quick Setup Poster; 1 USB Type-C® to Type-C cable ⁴ |
| Country of origin | Made in China |



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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 Works across any OS. Keeps the same power delivery when connecting multiple devices.
- ⁴ 100 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.
- ⁵ HP Series 5 Pro monitor or additional monitor sold separately.
- ⁶ 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.
- ⁷ 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.
- ⁸ 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.
- ⁹ 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.
- ¹⁰ 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.
- ¹¹ 100% of paper-based packaging made from sustainably sourced, certified, and recycled fibers.
- ¹² AC Power cable and USB-C 3.2 Gen 1 cable included. All other cables sold separately.
- 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 Single Power On only compatible with HP PCs with Windows 10 or higher.
- ¹⁵ 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™ 1.4 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 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 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.
- ⁹ Ocean Bound plastic is expressed as a percentage of the total weight plastic. Ocean Bound plastic is based on the definition set by the UL2809 standard.
- ¹⁰ External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
- ¹¹ 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- 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 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.

