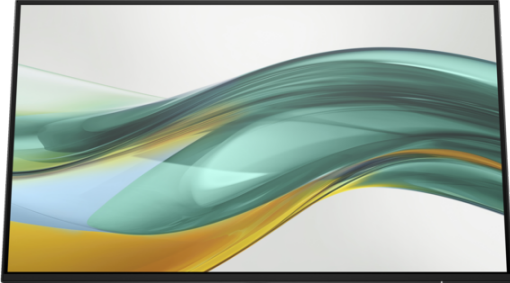




# HP Series 5 Pro 23.8 inch FHD No Stand Monitor - 524pf (9D9L6A9)



## Overview

### 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.



### 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 rate[1] brings out every detail. Elevate your view even more by experiencing bright, vibrant, consistent colors with 100% sRGB[1] and HP Progressive White Balance[2].



### 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 Guide[5] in HP Display Center[9]. Keep your eyes comfortable with HP Eye Ease by reducing blue light without impacting color.



### 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-chain[3] this display with another HP Series 5 Pro USB-C monitor[4] or pair it with a dock.



### Materials that make an impact

The better choice for a brighter tomorrow, this energy-efficient monitor's enclosure contains at least 90% recycled plastic content[6]. And with 100% of paper-based packaging sustainably sourced[7], you can feel good about your purchase.

# Features

## 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.<sup>[1]</sup>

## 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.<sup>[1]</sup>

## 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.<sup>[1]</sup>

## More Contrast

See the nuanced differences of color, shadow, and highlights thanks to the enhanced 1500:1 contrast ratio.<sup>[1]</sup>

## High Brightness

350 nits of brightness lets you see clearly. Enhance your visual performance for work or simply enjoying entertainment.<sup>[1]</sup>

## 100% sRGB Color Gamut

Enjoy highly accurate colors on screen with 100% sRGB. This HP monitor provides ideal color reproduction with minimal effort.<sup>[1]</sup>

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*[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.*

## Specifications

<b>Color</b>	Jet black
<b>Display size (diagonal)</b>	23.8"
<b>Panel technology</b>	IPS; LCD
<b>Aspect ratio</b>	16:9 <sup>[1]</sup>
<b>Native resolution</b>	FHD (1920 x 1080) <sup>[1,2]</sup>
<b>Resolutions supported</b>	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
<b>Pixel pitch</b>	0.28 x 0.28 mm <sup>[1]</sup>
<b>Brightness</b>	350 nits <sup>[1]</sup>
<b>Contrast ratio</b>	1500:1 <sup>[1]</sup>
<b>Response time (typical)</b>	5ms GtG (with overdrive) <sup>[1]</sup>
<b>Dimensions (W x D x H)</b>	21.24 x 1.86 x 12.37 in (without stand)
<b>Weight</b>	7.6 lb (without stand)
<b>Display features</b>	Anti-glare; HP Eye Ease; Progressive white balance <sup>[13]</sup>
<b>Onscreen controls</b>	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit
<b>Display colors</b>	Up to 16.7 million colors supported <sup>[1,3]</sup>
<b>Display scan frequency (horizontal)</b>	30-120 kHz <sup>[1]</sup>
<b>Display scan frequency (vertical)</b>	50-100 Hz <sup>[1]</sup>
<b>Power</b>	100 - 240 VAC 50/60 Hz
<b>Power consumption</b>	58 W (maximum), 22 W (typical), 0.5 W (standby)
<b>Operating temperature range</b>	5 to 35°C
<b>Operating humidity range</b>	20 to 80% RH (non-condensing)
<b>Sustainable impact specifications</b>	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

<b>Certifications and compliances</b>	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
<b>Physical security</b>	Security lock-ready <sup>[5]</sup>
<b>Management Software</b>	HP Display Center; HP Client Management Script Library
<b>UPC number</b>	(A2K) 198122473113; (A2N) 198122473120; (AB0) 198122473137; (AB1) 198122473144; (AB2) 198122473151; (AB4) 198122473168; (ABA) 198122473175; (ABB) 198122473182; (ABG) 198122473199; (ABJ) 4582712447435; (ABT) 198122473205; (ABU) 198122473212; (ABV) 198122473229; (ABY) 198122473236; (ACJ) 198122473243; (ACQ) 198122473250; (AH3) 198122473267; (AKL) 198122473274; (AR6) 198122473281; (UUF) 198122473298; (UUZ) 198122473304
<b>Manufacturer Warranty</b>	HP three-year limited warranty
<b>What's in the box</b>	Monitor; DisplayPort™ cable; HDMI cable; Warranty card; USB Type-B to A cable; Quick Setup Poster; AC power cord <sup>[4]</sup>

## Additional specifications

<b>Additional information about HP in the countries</b>	hp.com
<b>Backlight lamp life</b>	30,000 hours
<b>Backlight type</b>	Edge-lit; WLED
<b>Bezel</b>	3-sided borderless
<b>Color gamut</b>	100% sRGB
<b>Country of origin</b>	Made in China and Vietnam
<b>Curvature</b>	Flat
<b>Datasheet photo 1</b>	AHID/90eb0dce7572273344a67225ea7cc51c2a3bdb8c
<b>Datasheet photo 2</b>	AHID/175195647343d37787b99a125e95bdc037f73e88
<b>Datasheet photo 3</b>	AHID/6a441fccf462af98f5757b5f0af1300ea626ef79
<b>Datasheet photo 4</b>	AHID/e8d455accfcf10dc1608989a5d0ef4aab1c97d7f
<b>Display area (imperial)</b>	20.75 x 11.67 in
<b>Display contrast ratio (dynamic)</b>	10000000:1
<b>DisplayPort™</b>	1 DisplayPort™ 1.2
<b>Ecolabels</b>	TCO Certified; TCO Certified Edge; EPEAT® Gold with Climate+
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Flicker-free</b>	Yes
<b>HDCP</b>	Yes, DisplayPort™ and HDMI
<b>HDMI</b>	1 HDMI 1.4
<b>Hardness</b>	3H <sup>[1]</sup>
<b>Haze</b>	25%
<b>Horizontal viewing angle</b>	178°
<b>Low blue light</b>	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified) <sup>[1]</sup>
<b>Non-Operating Humidity Range</b>	5–95%
<b>Operating temperature range</b>	41 to 95°F
<b>Package dimensions (W x D x H)</b>	24.45 x 5.51 x 15.47 in
<b>Package weight</b>	12.57 lb (without stand)
<b>Panel bit depth</b>	8 bit (6 bit + FRC) <sup>[1]</sup>
<b>Pixels per inch (ppi)</b>	93 ppi <sup>[1]</sup>
<b>Power supply type</b>	Internal
<b>Product color</b>	Jet black bezel; Jet black rear cover
<b>Refresh rate (maximum)</b>	100 Hz

<b>Resolution (maximum)</b>	FHD (1920 x 1080 @ 100 Hz) <sup>[1]</sup>
<b>Screen treatment</b>	Anti-glare
<b>Stand type</b>	Without stand
<b>Technology logo 1</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08737446.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08737446.png</a>
<b>Technology logo 2</b>	AHID/0af0b73da3cedf6ed8052d5292d695d19bc2e41f
<b>Technology logo 3</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png</a>
<b>UNSPSC code</b>	43211902
<b>USB Type-A</b>	4 USB Type-A 5Gbps signaling rate (1 charging)
<b>Usb b (hub enablement)</b>	1 USB-B
<b>Vertical viewing angle</b>	178°
<b>Viewable diagonal size</b>	23.8" (60.47 cm)

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*[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.*

*[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.*

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# Services

## HP Care Pack Services

★ : Recommended

### Personal Systems Commercial Care Pack Services

HP 1y Post Warranty Next Business Day Response Advanced Exchange DisplayHardware Support	U0J16PE
HP 4y Next Business Day Response Advanced Exchange Large DisplayHardware Support	U0J12E
HP 5y Next Business Day Response Advanced Exchange Large Display Hardware Support	U0J13E

## Accessories for PC

### Stands/Mounting Brackets

★ : Recommended

#### Mounting Brackets

HP B560 PC Mounting Bracket	763U8AA
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#### Stands

HP Quick Release Monitor Single Arm	762U0AA
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### Security

#### Security Cables

HP Business PC Security Lock v3 Kit	3XJ17AA
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### Components/Upgrades

#### Chassis/Rails

HP Desktop Mini v4+ VESA Sleeve	99T54AA
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### Audio Devices

#### PC Speakers

HP S101 Speaker Bar	5UU40AA
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