



# HP Series 5 Pro 24 inch WUXGA Monitor - 524pn (9D9A7AA)



## Overview

### Reimagine what work looks like

Get more out of your workday with the HP Series 5 Pro 24" WUXGA 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.

100Hz

### Elevate your productivity

See more of your work and get more done on this 24" WUXGA 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, pair this display with another HP Series 5 Pro 24" WUXGA monitor[4] and a dock[3] for the perfect dual display setup[13].



### 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

### 16:10 WUXGA Resolution

Get 11% more screen with WUXGA 1920x1200 resolution and 16:10 aspect ratio.<sup>[1,12]</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] Dock sold separately. Both HP Series 5 Pro 24" WUXGA - 524pn monitors need to be connected to the dock for a dual display setup.*

*[4] HP Series 5 Pro 24" WUXGA - 524pn 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 comparison against a 23.8-inch FHD (1920 x 1080) resolution monitor.*

## Specifications

|  |  |
|--|--|
| <b>Color</b>                               | Jet black  |
| <b>Display size (diagonal)</b>             | 24"  |
| <b>Panel technology</b>                    | IPS  |
| <b>Display size (diagonal)</b>             | 61 cm (24")  |
| <b>Aspect ratio</b>                        | 16:10 <sup>[1]</sup>   |
| <b>Native resolution</b>                   | WUXGA (1920 x 1200) <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; 1920 x 1200 @ 60 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; 1920 x 1200 @ 75 Hz; 1920 x 1200 @ 100 Hz |
| <b>Pixel pitch</b>                         | 0.27 x 0.27 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>Minimum dimensions (W x D x H)</b>      | 53.28 x 4.7 x 34.29 cm (without stand)   |
| <b>Minimum dimensions (W x D x H)</b>      | 20.98 x 1.85 x 13.5 in (without stand)   |
| <b>Dimensions With Stand (W x D x H)</b>   | 53.28 x 18.95 x 51.75 cm   |
| <b>Weight</b>                              | 5.1 kg (with stand)  |
| <b>Weight</b>                              | 11.2 lb (with stand)   |
| <b>Display features</b>                    | Anti-glare; Height Adjust/Tilt/Swivel/Pivot; 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> | 30-130 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)  |

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| <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; At least 30% recycled metal; Contains ocean-bound plastic   |
| <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; 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 Display Manager   |
| <b>UPC number</b>                        | (A2K) 197961404920; (A2N) 197961404937; (AB0) 197961404944; (AB1) 197961404951; (AB2) 197961404968; (AB4) 197961404975; (ABA) 197961404982; (ABB) 197961404999; (ABG) 197961405002; (ABJ) 4582712408979; (ABT) 197961405019; (ABU) 197961405026; (ABV) 197961405033; (ABY) 197961405040; (AC8) 197961405057; (ACJ) 197961405064; (ACQ) 197961405071; (AH3) 197961405088; (AKH) 197961405095; (AKL) 197961405101; (AR6) 197961405118; (UUF) 197961405125; (UUZ) 197961405132 |
| <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

|                                  |  |
|----------------------------------|--|
| Backlight lamp life              | 30,000 hours   |
| Backlight type                   | Edge-lit; WLED   |
| Base area footprint (imperial)   | 9.53 x 7.46 in   |
| Base area footprint (metric)     | 24.2 x 18.95 cm  |
| Bezel                            | 3-sided borderless   |
| Color gamut                      | 100% sRGB  |
| Curvature                        | Flat   |
| Datasheet photo 1                | AHID/e2f6394ef95415e3c0558c7d0164fac0506aebec                                    |
| Datasheet photo 2                | AHID/0064ba22080e7cfbabdde75303918df4f6f13f0e                                    |
| Datasheet photo 3                | AHID/3865a919d638db9e64920d367a17dba3f2847681                                    |
| Datasheet photo 4                | AHID/9af86b4751350402906b78d1b58cb664e3ee8af9                                    |
| Display area (imperial)          | 20.41 x 12.76 in   |
| Display area (metric)            | 51.84 x 32.4 cm  |
| Display contrast ratio (dynamic) | 10000000:1   |
| DisplayPort™                     | 1 DisplayPort™ 1.2   |
| Ecolabels                        | TCO Certified; TCO Certified Edge; EPEAT® registered with Climate+               |
| Energy star certified            | ENERGY STAR® certified   |
| Flicker-free                     | Yes  |
| HDCP                             | Yes, DisplayPort™ and HDMI   |
| HDMI                             | 1 HDMI 1.4   |
| Hardness                         | 3H <sup>[1]</sup>  |
| Haze                             | 25%  |
| Height adjustment range          | 150 mm   |
| Horizontal viewing angle         | 178°   |
| Low blue light                   | Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified) <sup>[1]</sup> |
| Non-Operating Humidity Range     | 5–95%  |
| Operating temperature range      | 41 to 95°F   |
| Package dimensions (W x D x H)   | 24.45 x 5.51 x 16.18 in  |
| Package dimensions (W x D x H)   | 62.1 x 14 x 41.1 cm  |
| Package weight                   | 7.4 kg (with stand)  |
| Package weight                   | 16.3 lb (with stand)   |
| Panel bit depth                  | 8 bit (6 bit + FRC) <sup>[1]</sup>   |
| Pixels per inch (ppi)            | 94 ppi <sup>[1]</sup>  |

|  |   |
|--|---|
| <b>Power supply type</b>                         | Internal  |
| <b>Product dimensions with stand (W x D x H)</b> | 20.98 x 7.46 x 20.37 in   |
| <b>Refresh rate (maximum)</b>                    | 100 Hz  |
| <b>Resolution (maximum)</b>                      | WUXGA (1920 x 1200 @ 100 Hz) <sup>[1]</sup>   |
| <b>Screen treatment</b>                          | Anti-glare  |
| <b>Stand color</b>                               | Silver; Jet black   |
| <b>Stand type</b>                                | With stand; Height adjustable 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>                         | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123379.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123379.png</a> |
| <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>Tilt</b>                                      | -5 to +23°  |
| <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>VESA mounting</b>                             | 100 x 100 mm  |
| <b>Vertical viewing angle</b>                    | 178°  |
| <b>Viewable diagonal size</b>                    | 24" (61.13 cm)  |
| <b>pivot</b>                                     | ±90°  |
| <b>swivel</b>                                    | ±45°  |

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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 1200 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 1200 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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# Accessories for PC

## Stands/Mounting Brackets

★ : Recommended

### Mounting Brackets

|                             |         |
|-----------------------------|---------|
| HP B560 PC Mounting Bracket | 763U8AA |
|-----------------------------|---------|

### Stands

|                                     |         |
|-------------------------------------|---------|
| HP Quick Release Monitor Single Arm | 762U0AA |
|-------------------------------------|---------|

## Security

### Security Cables

|                                     |         |
|-------------------------------------|---------|
| HP Business PC Security Lock v3 Kit | 3XJ17AA |
|-------------------------------------|---------|

## Components/Upgrades

### Chassis/Rails

|                                 |         |
|---------------------------------|---------|
| HP Desktop Mini v4+ VESA Sleeve | 99T54AA |
|---------------------------------|---------|

## Audio Devices

### PC Speakers

|                     |         |
|---------------------|---------|
| HP S101 Speaker Bar | 5UU40AA |
|---------------------|---------|

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