



HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu (9D9V7AA)



Overview

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.



Your center of productivity

Get more done with your unique hub for unstoppable productivity. Connect any device[3] with a single USB-C® cable for strong 100W power delivery. See your work elevated in smooth, crisp detail with 100 Hz refresh rate[1], while also experiencing 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[6] in HP Display Center[7]. Keep your eyes comfortable with HP Eye Ease by reducing blue light without impacting color.



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-chain[4] another HP Series 5 Pro monitor[5] for a perfect dual display setup with next-level productivity.



Materials that make an impact

This energy-efficient monitor is thoughtfully designed with at least 90% recycled plastic content[8], 20% recycled glass in the monitor panel[10], and 90% recycled aluminum in the stand[9]. Plus, 100% of the paper-based packaging is sustainably sourced[11].

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.^[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]

[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.

Specifications

Color	Jet black
Display size (diagonal)	23.8"
Panel technology	IPS; LCD
Display size (diagonal)	60.5 cm (23.8")
Aspect ratio	16:9 ^[1]
Native resolution	FHD (1920 x 1080) ^[1,2]
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
Pixel pitch	0.28 x 0.28 mm ^[1]
Brightness	350 nits ^[1]
Contrast ratio	1500:1 ^[1]
Response time (typical)	5ms GtG (with overdrive)
Dimensions (W x D x H)	53.94 x 4.72 x 31.43 cm (without stand)
Dimensions (W x D x H)	21.24 x 1.86 x 12.37 in (without stand)
Dimensions With Stand (W x D x H)	53.94 x 18.95 x 50.32 cm
Weight	5.93 kg (with stand)
Weight	13.07 lb (with stand)
Display features	Single Power ON; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease; Daisy chain ^[13]
Onscreen controls	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit
Display colors	Up to 16.7 million colors supported ^[1,3]
Display scan frequency (horizontal)	30-115 kHz ^[1]
Display scan frequency (vertical)	50-100 Hz ^[1]
Power	100 - 240 VAC 50/60 Hz
Power consumption	198 W (maximum), 22 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% RH (non-condensing)

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
Certifications and compliances	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; 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
Physical security	Security lock-ready ^[5]
Management Software	HP Display Center; HP Client Management Script Library
UPC number	(A2K) 197961408102; (A2N) 197961408119; (AB0) 197961408126; (AB1) 197961408133; (AB2) 197961408140; (AB4) 197961408157; (ABA) 197961408164; (ABB) 197961408171; (ABG) 197961408188; (ABJ) 4582712409082; (ABT) 197961408195; (ABU) 197961408201; (ABV) 197961408218; (ABY) 197961408225; (AC8) 197961408232; (ACJ) 197961408249; (ACQ) 197961408256; (AH3) 197961408263; (AKH) 197961408270; (AKL) 197961408287; (AR6) 197961408294; (UUF) 197961408300; (UUZ) 197961408317
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]

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 micro-edge
Color gamut	100% sRGB
Country of origin	Made in China
Curvature	Flat
Datasheet photo 1	AHID/550ccf7ccd37a7220928e7d034acd23dfe858153
Datasheet photo 2	AHID/d41b6cfab080294a788cf86eacf003b86328e01f
Datasheet photo 3	AHID/5a92104f46aebf1297668f30b20cae68ca3a117e
Datasheet photo 4	AHID/a02a59b6ce438dca50ba67485a5d6fa75c4bdbc6
Detachable stand	Yes
Display area (imperial)	20.75 x 11.67 in
Display area (metric)	52.70 x 29.65 cm
Display contrast ratio (dynamic)	10000000:1
DisplayPort™	1 DisplayPort™ 1.4
DisplayPort™ Out	1 DisplayPort™ 1.4-out
Ecolabels	TCO Certified; TCO Certified Edge; EPEAT® Gold with Climate+
Energy star certified	ENERGY STAR® certified
Ethernet	1 RJ-45 (10/100/1000 Mbps)
Flicker-free	Yes
HDCP	Yes, DisplayPort™, HDMI and USB Type-C®
HDMI	1 HDMI 2.0
Hardness	3H ^[1]
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) ^[1]
Non-Operating Humidity Range	5 – 95%
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	62.1 x 14 x 39.3 cm
Package dimensions (W x D x H)	24.45 x 5.51 x 15.47 in

Package weight	18.57 lb
Package weight	8.42 kg
Panel bit depth	8 bit (6 bit + FRC) ^[1]
Pixels per inch (ppi)	93 ppi ^[1]
Power supply type	Internal
Product dimensions with stand (W x D x H)	21.24 x 7.46 x 19.81 in
Refresh rate (maximum)	100 Hz
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]
Resolution (maximum)	FHD (1920 x 1080 @ 100 Hz) ^[1]
Screen treatment	Anti-glare
Stand color	Jet black; Natural silver
Stand type	With stand; Height adjustable stand
Technology logo 1	AHID/0af0b73da3cedf6ed8052d5292d695d19bc2e41f
Technology logo 2	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png
Tilt	-5 to +23°
UNSPSC code	43211902
USB Type-A	3 USB Type-A 5Gbps signaling rate (1 charging)
USB Type-C® data	1 USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)
USB Type-C® video input	1 USB Type-C® 5Gbps signaling rate (Up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
VESA mounting	100 x 100 mm
Vertical viewing angle	178°
Viewable diagonal size	23.8" (60.47 cm)
pivot	±90°
swivel	±45°

[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.

[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.

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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