HP Series 5 Pro 23.8 inch FHD Monitor – 524pf (9D9L6UT)

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.[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]

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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

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 @ 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
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)[1]
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	4.9 kg (with stand); 3.4 kg (without stand)
Weight	10.8 lb (with stand); 7.6 lb (without stand)
Display features	Height Adjust/Tilt/Swivel/Pivot[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)	30-120 kHz[1]
Display scan frequency (vertical)	50-100 Hz[1]
Camera	No integrated camera
Power	100 - 240 VAC 50/60 Hz
Power consumption	58 W (maximum), 22 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35℃
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 30% recycled metal including 90% recycled aluminum in the stand
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
Physical security	Security lock-ready[5]
Management Software	HP Display Center; HP Client Management Script Library[6,15]
UPC number	(A2K) 198122902217; (A2N) 198122902231; (AB0) 198122902262; (AB1) 198122902279; (AB2) 198122902293; (AB4) 198122902309; (ABA) 198122903115; (ABB) 198122902330; (ABG) 198122902361; (ABJ) 4582712463060; (ABT) 198122902392; (ABU) 198122902422; (ABV) 198122902446; (ABY) 198122902453; (AC8) 198122902477; (ACJ) 198122902507; (ACQ) 198122902521; (AH3) 198122902569; (AKH) 198122902576; (AKL) 198122902613; (AR6) 198122902637; (UUF) 198122902644; (UUZ) 198122902675
Manufacturer Warranty	HP three-year limited warranty
What's in the box	Monitor; DisplayPort™ cable; HDMI cable; Warranty card; USB Type-B to A cable; Quick Setup Poster; AC power cord[4]

Additional specifications

Backlight lamp life minimum (to half brightness)	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 with micro-edge bezel
Color gamut	100% sRGB
Curvature	Flat
Datasheet photo 1	AHID/90eb0dce7572273344a67225ea7cc51c2a3bdb8c
Datasheet photo 2	AHID/175195647343d37787b99a125e95bdc037f73e88
Datasheet photo 3	AHID/6a441fccf462af98f5757b5f0af1300ea626ef79
Datasheet photo 4	AHID/e8d455accfcf10dc1608989a5d0ef4aab1c97d7f
Display area (imperial)	20.75 x 11.67 in
Display area (metric)	52.7 x 29.65 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[1]
Haze	25%
Height adjustment range	150 mm
Horizontal viewing angle	178°
Low blue light	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)	24.45 x 5.51 x 15.47 in
Package dimensions (W x D x H)	62.1 x 14 x 39.3 cm
Package weight	15.9 lb (with stand)
Package weight	7.2 kg (with stand)
Panel bit depth	8 bit (6 bit + FRC)[1]

Pixels per inch (ppi)	93 ppi[1]
Power supply type	Internal
Product color	Jet black bezel; Jet black rear cover
Product dimensions with stand (W x D x H)	21.24 x 7.46 x 19.81 in
Refresh rate (maximum)	100 Hz
Resolution (maximum)	FHD (1920 x 1080 @ 100 Hz)[1]
Screen treatment	Anti-glare
Special features	Progressive white balance; Works with Chromebook
Stand color	Silver; Jet black
Stand type	Base stand; With stand; Height adjustable stand
Swivel	±45°
Technology logo 1	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08737446.png
Technology logo 2	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123379.png
Technology logo 3	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png
Tilt	-5 to +23°
UNSPSC code	43211902
USB Type-A	4 USB Type-A 5Gbps signaling rate (1 charging)
Usb b (hub enablement)	1 USB-B
Vertical viewing angle	178°
Video connectors	HDMI; DisplayPort™-in
Viewable diagonal size	23.8" (60.47 cm)
pivot	±90°

[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.

[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.

[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.

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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