



HP Series 5 23.8 inch FHD Height Adjust Monitor - 524sh (94C20AA)

Overview



Freedom to work your way

When you need the right tech to take on a day full of projects, meetings, and more, you need the HP Series 5 23.8-inch FHD Height Adjust Monitor. Its sleek design complements any workspace. And its beautiful screen, adjustable stand, and comfort features take your productivity to the next level. Bring flexibility to the way you work through enhanced visual performance, contrast ratio, and refresh rate.[1]

100Hz

Life-like color. Deeper detail.

Upgrade your everyday with a vibrant 23.8" FHD monitor. Enjoy all you see as it was meant to be seen with enhanced 99% sRGB, 1500:1 contrast ratio, and 300 nits brightness.[1] Work or multitask with a 100 Hz refresh rate that delivers seamless scrolling and smooth video playback.



Thin. Light. Exactly right.

Discover a beautiful 23.8" FHD monitor with a thin-and-light design and simplified cable management that fits your style and maximizes your space. Its sleek, 3-sided ultra-thin bezel lets you stay immersed and focused to what's on screen. Pair a second monitor to create a virtually seamless expansive view, while keeping every device connected and ready with HDMI and VGA ports for a better way to be productive.

HP Eye Ease

Heighten your comfort

From working through crunch time to focusing on you-time, this 23.8" FHD monitor lets you customize your comfort with a height-and-tilt-adjust stand. The Ergonomic Setup Guide[2] gets you started by giving you customized comfort right at your fingertips in HP Display Center. Plus, HP Eye Ease with Eyesafe® certification[3] limits blue light to keep your eyes comfortable without impacting color accuracy.



Built for a better tomorrow

The better choice for a brighter tomorrow, these HP Series 5 monitors are built with a design using 85% recycled materials and 5% ocean-bound plastics[4] to help reduce the raw materials we use. With 100% sustainably sourced packaging[5] and an EPEAT® Gold Registered and ENERGY STAR® Certified[6] design, you can be confident knowing you have a monitor that does good things for the planet while doing amazing things for you.

Features

Works With Chromebook Certified

Works seamlessly with your Chromebook.^[7,8]

Compact, Sleek Design

A beautiful monitor fit for any space with a sleek, thin-and-light profile and the option for seamless side-by-side screens. Integrated cable containment to cut the clutter.

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.^[9]

IPS Panel

No matter where you stand, IPS technology ensures image accuracy and consistency across wide 178-degree horizontal and vertical viewing angles.

99% sRGB Color Gamut

Ideal, consistent color reproduction with minimal effort.

3-Sided Micro-Edge Bezel

Maximize your viewing area to see and do more.

[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[2] 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.

[3] HP Eye Ease hardware that does not impact color accuracy used with Eyesafe. Eyesafe® certified website: <https://eyesafe.com/>

[4] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard. Plastics consist of 90% Post-Consumer Recycled material, with 85% Recycled Information Technology Equipment (ITE) + 5% Ocean-Bound Plastics (PET).

[5] 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting.

[6] Based on US EPEAT® registration according to IEEE 1680.1-2020 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

[7] Google tested to meet Chromebook compatibility standards.

[8] This product works with devices capable of running the latest version of Chrome OS and has been certified to meet Google's compatibility standards. Google is not responsible for the operation of this product or its compliance with safety requirements. Chromebook and the Works With Chromebook badge are trademarks of Google LLC.

[9] FHD content required to view full FHD images.

Specifications

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; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080
Pixel pitch	0.28 x 0.28 mm
Brightness	300 nits ^[1]
Contrast ratio	1500:1 ^[1]
Response time (typical)	5ms GtG (with overdrive) ^[1]
Dimensions (W x D x H)	53.58 x 3.4 x 31.56 cm <i>(without stand)</i>
Dimensions (W x D x H)	21.09 x 1.33 x 12.42 in <i>(without stand)</i>
Dimensions With Stand (W x D x H)	53.58 x 20.22 x 45.98 cm
Weight	3.45 kg <i>(with stand)</i>
Weight	7.61 lb <i>(with stand)</i>
Display features	Height adjustable; Tilt
Onscreen controls	Management; Information; Exit; Input; Color; Image; Power; Menu; Brightness+
Display colors	Up to 16.7 million colors supported ^[3]
Display scan frequency (horizontal)	30-113 kHz ^[1]
Display scan frequency (vertical)	48-100 Hz ^[1]
Camera	No integrated camera
Power	Input voltage 100 to 240 VAC, 50/60 Hz
Power consumption	20 W (maximum), 16 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; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 85% post-consumer recycled plastic; 5% ocean-bound plastic

Certifications and compliances	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; CEL Grade 1; cTUVus; EAC; ENERGY STAR®; ErP; FCC; ICES; ISO 9241-307; KC; KCC; NOM; TUV Bauart; VCCI; Vietnam MEPS; Ukraine Energy label; California Energy Commission (CEC); South Africa Energy; WW application; NRCS of South Africa; Eyesafe® Certified; TÜV Flicker free certified; UAE ECAS; UAE RoHS; Works with Chromebook certified; Microsoft WHQL Certification (Windows 11 and Windows 10); KMEPS; Ukraine CoC; Ukraine NSoC
Ecolabels	EPEAT® registered
Physical security	Standard lock slot ^[10]
Management Software	HP Display Center ^[11]
UPC number	(A2K) 197498936987; (AB0) 197498937007; (AB1) 197498937038; (AB2) 197498937045; (AB4) 197498937069; (ABG) 197498937083; (ABJ) 4582712391523; (ACJ) 197498937090; (AKL) 197498937106; (AR6) 197498937113; (UUF) 197498937120
Manufacturer Warranty	HP standard one-year limited warranty
What's in the box	Monitor; HDMI cable; Power adapter; AC power cord; Document kit ^[9]

Additional specifications

Backlight lamp life minimum (to half brightness)	30,000 hours
Backlight type	Edge-lit
Base area footprint (imperial)	7.17 x 7.54 in
Base area footprint (metric)	18.2 x 19.15 cm
Bezel	3-sided micro-edge
Color gamut	99% sRGB
Curvature	Flat
Datasheet photo 1	AHID/0bcb9f5d3f882001cbc201fb5cd02e8a963b4b22
Datasheet photo 2	AHID/06af5f94c905fff6096735649c60e852b32f5b8b
Datasheet photo 3	AHID/6d072b0e72bc050dd447ca6633630a5e6411f46c
Datasheet photo 4	AHID/2e7714745d21d0b00046e14ebeec889bca94a0cc
Detachable stand	Yes
Display area (imperial)	20.75 x 11.67 in
Display area (metric)	52.7 x 29.65 cm
Display contrast ratio (dynamic)	10000000:1
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Flicker-free	Yes
HDCP	Yes, HDMI
HDMI	1 HDMI 1.4
Hardness	3H ^[1]
Haze	25%
Height adjustment range	100 mm
Horizontal viewing angle	178°
Low blue light	HP Eye Ease (Eyesafe® certified)
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	61 x 12.1 x 39.9 cm
Package dimensions (W x D x H)	24.02 x 4.76 x 15.71 in
Package weight	13.65 lb
Package weight	6.19 kg
Pallet (layers)	5
Pallet dimensions	45.08 x 38.98 x 84.06 in

Pallet dimensions (W x D x H)	114.5 x 99 x 213.5 cm
Pallet weight	998.69 lb
Pallet weight	453 kg
Panel bit depth	8 bit (6 bit + FRC) ^[1]
Pixels per inch (ppi)	93 ppi ^[1]
Power supply type	External
Product brand name	HP
Product color	Black
Product dimensions with stand (W x D x H)	21.09 x 7.96 x 18.1 in
Products per pallet	70
Products per pallet layer	14
Recommended resolution	FHD (1920 x 1080 @ 60 Hz)
Refresh rate (maximum)	100 Hz
Resolution (maximum)	FHD (1920 x 1080 @ 100 Hz)
Screen treatment	Anti-glare
Stand color	Silver
Stand type	Base stand; With stand; Height adjustable stand
Technology logo 1	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08829160.png
Technology logo 2	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png
Technology logo 3	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08737446.png
Technology logo 4	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123379.png
Tilt	-5 to +25°
UNSPSC code	43211902
VGA	1 VGA
Vertical viewing angle	178°
Video connectors	HDMI
Viewable diagonal size	23.8" (60.5 cm)

[1] All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.

[2] 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 (native) with 8-bit color using one HDMI or VGA.

[3] Number of colors through A-FRC technology.

[9] Included cables may vary by country.

[10] Lock sold separately.

[11] Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.

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