



HP Series 5 31.5 inch FHD Monitor - 532sf (94F50AA)

Overview



See more of what you love

Get lost in any passion project with the HP Series 5 31.5-inch FHD Monitor. Its sleek, thin-and-light design gives you the flexibility to enjoy entertainment while vibrant color and deep contrast ratio lets you see everything as it was meant to be seen. Enhance your screen time and your pastime with a higher refresh rate[1] for a screen-tear-free experience.

100Hz

Enjoy more of what you love in colorful detail

Sit back and soak in all the content you love with this exceptional 31.5" FHD monitor. Experience colorful imagery and vibrant detail like they were intended with 99% sRGB color, deep 3000:1 contrast ratio, and 300 nits brightness.[1] Its 100Hz refresh rate delivers seamless scrolling and smooth, stutter-free viewing.



Thin. Light. Exactly right.

This thin-and-light 31.5-inch FHD monitor is designed to look great in any space. Whether learning, playing, or watching content, its ultra-thin 3-sided borderless design lets you create a seamless dual-screen setup for enhanced viewing, while the simplified cable management cuts the clutter. Plus, easily connect with one VGA and two HDMI 1.4 ports.

HP Eye Ease

Designed with your comfort in mind

From mastering new skills to diving into a hobby, this 31.5" FHD monitor is designed to help keep you focused. With a tilt adjust stand and the Ergonomic Setup Guide[2] in HP Display Center you can customize your comfort. Plus, HP Eye Ease with Eyesafe® certification[3] limits blue light to keep your eyes comfortable without impacting color accuracy, so you can do more, longer.



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® Silver 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 31.5" diagonal monitor.^[9]

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.

Even More Contrast

See more vibrant color, shadow, and highlights with a 3000:1 contrast ratio.^[1]

[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)	31.5"
Panel technology	VA; LCD
Display size (diagonal)	80 cm (31.5")
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	0.36 x 0.36 mm
Brightness	300 nits ^[1]
Contrast ratio	3000:1 ^[1]
Response time (typical)	7ms GtG (with overdrive) ^[1]
Dimensions (W x D x H)	27.96 x 1.58 x 16.32 in (without stand)
Weight	11.24 lb (with stand)
Display features	Tilt
Onscreen controls	Management; Information; Exit; Input; Color; Image; Power; Menu; Brightness+
Display colors	Up to 16.7 million colors supported
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	30.4 W (maximum), 24.6 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® Silver registered ^[3]

Physical security	Standard lock slot ^[10]
Management Software	HP Display Center ^[11]
UPC number	197498944418
Manufacturer Warranty	Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply. ^[11]
What's in the box	Monitor; HDMI cable; Power adapter; AC power cord; Document kit ^[8]

Additional specifications

Backlight lamp life minimum (to half brightness)	30,000 hours
Backlight type	Edge-lit
Base area footprint (imperial)	9.52 x 8.53 in
Bezel	3-sided micro-edge
Color gamut	99% sRGB
Curvature	Flat
Datasheet photo 1	AHID/362a699f67b61b8b72e39adf58b99f7ea744dada
Datasheet photo 2	AHID/d581042f81adf5a1a6cf53f6fc1bc17280d2b9cf
Datasheet photo 3	AHID/6c572c663eea1db16174a9d62bfbcf7dee397663
Datasheet photo 4	AHID/846e69637db12e6690e58d8d3d1bbf6fc0b3b125
Detachable stand	Yes
Display area (imperial)	27.5 x 15.47 in
Display contrast ratio (dynamic)	10000000:1
Ecolabels	EPEAT® registered
End of Life CO2e (kg)	2
Energy Usage CO2e (kg)	62
Energy star certified	ENERGY STAR® certified
Flicker-free	Yes
HDCP	Yes, HDMI
HDMI	2 HDMI 1.4
Hardness	3H ^[1]
Haze	40%
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)	32.4 x 5.51 x 20.74 in
Package weight	19.84 lb
Pallet (layers)	4
Pallet dimensions	45.31 x 32.9 x 88.45 in
Pallet weight	678.83 lb
Panel bit depth	True 8 bit ^[1]
Pixels per inch (ppi)	70 ppi ^[1]

Power supply type	External
Product brand name	HP
Product color	Black
Product dimensions with stand (W x D x H)	27.96 x 8.52 x 19.48 in
Product language options	#ABA
Production CO2e (kg)	156
Products per pallet	32
Products per pallet layer	8
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	Fixed height stand; Base stand; With 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 5	AHID/37dc758ea0df27783f0cd18d2671bbda758800c6
Tilt	-5 to +25°
Total CO2e (kg)	220 (A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)
Transportation CO2e (kg)	2
UNSPSC code	43211902
VGA	1 VGA
Vertical viewing angle	178°
Video connectors	HDMI
Viewable diagonal size	31.5" (80 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] EPEAT® registered where applicable. EPEAT® registration varies by country. See www.epeat.net for registration status by country. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

[8] Included cables may vary by country.

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

[11] Warranty may vary by country. See www.HP.com/go/support for details.

Services

HP Care Pack Services

★ : Recommended

Personal Systems Consumer Care Pack Services

HP 3 Year Next Day Exchange Service for Consumer Monitors	UE875E ★
HP 2 Year Next Day Exchange Service for Consumer Monitors	UE874E ★
HP 1 year Post Warranty Pickup and Return Monitor Hardware Support	U42V2PE
HP 1 year SmartFriend Standalone Service	UC5Y3E
HP 3 month SmartFriend Standalone Service	UC5Y1E
HP 6 month SmartFriend Standalone Service	UC5Y2E

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