Datasheet

HP Series 5 27 inch FHD Monitor - 527sf

See more of what you love

Get lost in any passion project with the HP Series 5 27-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.

*Product image may differ from actual product

100 Hz

Enjoy more of what you love in colorful detail

Sit back and soak in all the content you love with this exceptional 27" FHD monitor. Experience colorful imagery and vibrant detail like they were intended with 99% sRGB color, deep 1500:1 contrast ratio, and 300 nits brightness.[1] Its 100 Hz refresh rate delivers seamless scrolling and smooth, stutter-free viewing.

HP Eye Ease

Designed with your comfort in mind

From mastering new skills to diving into a hobby, this 27" 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.

Thin. Light. Exactly right.

This thin-and-light 27-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.

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.

eyesafe® CERTIFIED 2.0 | ENERGY STAR | works with chromebook | epeat SILVER

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Featuring

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 27" diagonal monitor.[9]

IPS Panel
No matter where you stand, IPS technology ensures image accuracy and consistency across wide 178-degrees 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.

More Contrast
See the nuanced differences of color, shadow, and highlights thanks to the enhanced 1500:1 contrast ratio.[1]

300 Nits
300 nits of brightness lets you see clearly. Enhance your visual performance for work or simply enjoying entertainment.[1]

100 Hz Refresh Rate
With a 100 Hz refresh rate this monitor is capable of clearer details, smoothly moving from frame to frame, allowing for faster split-second reaction time.[1]

Adjustable Tilt
The tilt-adjustable stand helps deliver the perfect view so you can maximize productivity and work comfortably.

HP Eye Ease with Eyesafe® Certification
Help keep your eyes comfortable with an always-on, true-color, low-blue light filter.[3]

Ergonomic Setup Guide
World-class ergonomic practices to help you achieve optimal, all-day comfort.[2]

Dual HDMI
Dual HDMI ports provide more options and more devices you can connect for big-screen, HD visuals.

Integrated Cable Management
Help keep your workspace clean and organized.

HP Display Center
Customize your display with easy, intuitive HP Display Center software.[10]

Materials that Matter
Made with 85% post-consumer recycled plastics and 5% ocean-bound plastics.[4]

Thoughtful Product Packaging
100% sustainably sourced packaging that helps contribute to a more circular economy.[5]

Increased Energy Efficiency
This display is held to the highest energy saving standard with an ENERGY STAR® rating and EPEAT® Registration.[6]

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Specifications

Display specifications

Display size
27"
Native resolution
FHD (1920 x 1080)[1,2]
Resolution (maximum)
FHD (1920 x 1080 @ 100 Hz)
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
Panel type
IPS
Panel bit depth
8 bit (6 bit + FRC)
Aspect ratio
16:9[1]
Refresh rate (maximum)
100 Hz
Display scan frequency
48-100 Hz (Vertical) 30-113 kHz (Horizontal)
Response time
5ms GtG (with overdrive)[1]
Brightness
300 nits[1]
Contrast ratio
1500:1[1] (Static) 10000000:1[1] (Dynamic)
Pixel pitch
0.31 x 0.31 mm
Pixels per inch (ppi)
82 ppi
Viewing angle
178°[1] (Vertical) 178°[1] (Horizontal)
Backlight type
Edge-lit
Backlight lamp life
30,000 hours
Display colors
Up to 16.7 million colors supported[3]
Display color gamut
99% sRGB
Display features
On-screen controls; Anti-glare; HP Eye Ease
Display User Control Options
Management; Information; Exit; Input; Color; Image; Power; Menu; Brightness+
Management software
HP Display Center
Low blue light modes
Yes, HP Eye Ease (Eyesafe® Certified)
Flicker-free
Yes
Screen treatment
Anti-glare
Hardness
3H
Haze
25%
Bezel
3-sided micro-edge
Tilt
-5 to +25°

Connectivity and communications

Port and connectors
2 HDMI 1.4
1 VGA
HDCP
Yes, HDMI
Power supply
Input voltage 100 to 240 VAC, 50/60 Hz
(External)
Power consumption
24 W (maximum), 19 W (typical), 0.5 W (standby)

Logistics and Physical

Product color
Black
Stand color
Silver
Detachable stand
Yes
Physical security
Security lock-ready[10]
Base area footprint
8.72 x 7.4 in
Dimensions without Stand (W x D x H)
23.93 x 1.35 x 14.01 in
Dimensions with stand (W x D x H)
23.93 x 7.4 x 17.21 in
Weight
7.05 lb (with stand)
Packaged Dimensions (W x D x H)
27.17 x 4.96 x 16.93 in
Packaged weight
14.09 lb
Pallet Dimensions (L x W x H)
45.28 x 27.56 x 73.11 in
Pallet weight
551.16 lb
Pallet (layers)
5
Products per layer
9
Products per pallet
45

Certification and compliance

Energy efficiency
ENERGY STAR® certified
Ecolabels
EPEAT® Silver registered[4]
Environmental specifications
Low halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 85% post-consumer recycled plastic; 5% ocean-bound plastic[5,6,7,8]
Certifications
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
Operating temperature range
41 to 95°F
Operating humidity range
20 to 80% RH (non-condensing)

Additional information

Part Number
P/N: 94F44AA#ABA
UPC code: 197498944104
Ad embargo date
4/7/2024
Manufacturer Warranty
Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply. [12]
What's in the box
Monitor; HDMI cable; Power adapter; AC power cord; Document kit
Country of origin
Product of China

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Footnotes

Key Selling Points Footnotes

[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.

Feature Messaging Footnotes

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

Technical Specifications Footnotes

[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.
[4] 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.
[5] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[6] All plastic parts contain ocean-bound plastic. Percentage of ocean-bound plastic contained in each component varies by product.
[7] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[8] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[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.
[12] Warranty may vary by country. See www.HP.com/go/support for details.

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