Datasheet

HP Series 7 Pro 23.8 inch FHD Monitor - 724pf

Visually impactful

Capture your vision better than you ever imagined with the HP Series 7 Pro 23.8" FHD Monitor. Trust what you see on screen with superb color accuracy right out of the box, a smooth 100 Hz refresh rate, and enhanced 1500:1 color contrast.[1] Do it all with the ultra-thin 4-sided micro-edge frame and built-in ergonomics.

*Product image may differ from actual product

Trust what you see

See your work take on a whole new dimension on a large, smooth screen with vibrant, accurate colors right out of the box. See every detail pop thanks to the deeper shadows and brighter highlights of 1500:1 contrast ratio.[1] Enjoy 99% sRBG and 85% Display P3 color gamuts with factory color calibration for remarkable, real-life color accuracy that stays consistent from screen to screen.

Minimalist design, maximalist function

This beautifully crafted, premium design heightens your work life and highlights your desk space thanks to its razor-thin profile and streamlined connectivity. Enjoy the sleek, 4-sided micro-edge frame and an elegant, ultra-thin design that looks great on any desk. Plus, maximize your productivity by doubling your screens with seamless daisy-chaining.

Comfort at every turn. Swivel. And tilt.

Stay fresh and comfortable with the monitor that helps you get more done throughout your day. Make screentime comfortable with 100 Hz refresh rates[1] for responsive, seamless scrolling and smooth video playback, while you enhance your focus with built-in HP Eye Ease that reduces blue light output while keeping color accuracy true-to-life. Customize your comfort with four-way ergonomic adjustability—complete with a 150 mm height-adjust stand with tilt, swivel and pivot.

Sustainability in action

Built for a better tomorrow

A better choice in an innovative solution, this HP Series 7 Pro monitor is designed using 85% post-consumer recycled materials and 5% ocean-bound plastics[2] with 90% recycled aluminum in the stand. With 100% sustainably sourced packaging[3] and a TCO certified, EPEAT® Registered and ENERGY STAR® Certified design[4], you can be confident knowing you have a monitor that does good things for the planet while doing amazing things for you.

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Featuring

100 Hz Refresh Rate
Experience smooth, life-like videos and clear details.[1]

More Contrast
See more detail in color, shadow, and highlights thanks to the enhanced 1500:1 contrast ratio.[1]

99% sRGB & 85% Display P3 Color Gamuts
Trust the colors you see on screen with all the shades and hues of 99% sRGB and 85% Display P3 color gamuts.[1]

Accurate color out of the box
Every HP Series 7 Pro Monitor undergoes strict factory color calibration to ensure that over 400 colors achieve a Delta E of less than 2, making any color difference virtually indistinguishable to the human eye for superb color accuracy.[1]

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

More Ports. More Flexibility.
More ports means more capabilities. With an HDMI 1.4, 2 DisplayPort™ 1.2 in/out, and 4 additional USB-A ports, you can connect or charge multiple devices like a headset and webcam.[5]

Endless Adjustability
Work effortlessly and comfortably with 4-way adjustability.

Ergonomic Setup Guide
With world-class ergonomic practices at your fingertips, you have the knowledge to fine-tune your display's 4-way adjustability to achieve optimal, all-day comfort thanks to the step-by-step Ergonomic Setup Guide in HP Display Center.[6]

Always-on, True Color, Low-Blue Light Filter
HP Eye Ease keeps you comfortable by reducing blue light without impacting color accuracy.

Remote Management Reimagined
Manage deployment, asset tracking and monitor settings remotely.[7]

3-year Limited Warranty
With this monitor, not only do you get image clarity, but also peace of mind, with the standard 3-year limited warranty.

HP Zero BrightDot Guarantee
Even if just a third of a pixel fails or is stuck in one position, HP will replace the entire display.

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

Daisy Chain Multiple Monitors
Display even more with DisplayPort™ 1.2 out by daisy chaining a second monitor for a virtually seamless dual-display setup.

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Specifications

Display specifications

Display size
23.8"
Display size (diagonal, metric)
60.5 cm (23.8")
Aspect ratio
16:9[1]
Curvature
Flat
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; 1680 x 1050; 1920 x 1080
Panel type
IPS
Bezel
4-sided micro-edge
Panel active area
52.7 x 29.46 cm
Panel bit depth
8 bit (6 bit + FRC)[1]
Display colors
Up to 16.7 million colors supported[3]
Display color gamut
99% sRGB; 100% BT.709; 85% DisplayP3
Refresh rate (maximum)
100 Hz
Display scan frequency
50-100 Hz (Vertical)[1] 30-111 kHz (Horizontal)[1]
Response time
5ms GtG (with overdrive)[1]
Brightness
300 nits[1]
Contrast ratio
1500:1 (Static)[1] 10000000:1 (Dynamic)[1]
Pixel pitch
0.27 x 0.27 mm
Pixels per inch (ppi)
93 ppi[1]
Viewing angle
178° (Vertical)[1] 178° (Horizontal)[1]
Backlight type
Edge-lit
Backlight lamp life
40,000 hours
Display features
Anti-glare; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease
Display User Control Options
Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit
Management software
HP Display Center; HP Display Manager[12]
Low blue light modes
Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Flicker-free
Yes
Screen treatment
Anti-glare
Hardness
3H[1]
Haze
25%
VESA mount
100 x 100 mm (bracket included)
Height adjustment range
150 mm
Tilt
-5 to +20°
Swivel
±45°
Pivot
±90°
Camera
No integrated camera

Connectivity and communications

Port and connectors
1 HDMI 1.4
1 DisplayPort™ 1.2
1 DisplayPort™ 1.2-out
4 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging)
1 USB-B
HDCP
Yes, DisplayPort™ and HDMI
Power supply
100 - 240 VAC 50/60 Hz
(Internal)
On mode power demand in Standard Dynamic Range (SDR)
18 W
Standby mode power demand
0.5 W

Logistics and Physical

Product color
Black; Silver
Stand color
Black; Silver
Detachable stand
Yes
Physical security
Security lock-ready[11]
Base area footprint
23.2 x 19.5 cm
Dimensions without Stand (W x D x H)
53.84 x 3.85 x 31.37 cm
Dimensions with stand (W x D x H)
53.84 x 19.5 x 48.93 cm
Weight
4.7 kg (with stand)
Packaged Dimensions (W x D x H)
62.5 x 37.3 x 14.2 cm
Packaged weight
7 kg

Certification and compliance

Energy efficiency
ENERGY STAR® certified E
Ecolabels
TCO Certified; TCO Certified Edge; EPEAT registered with Climate+[4]
Environmental specifications
Low halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic; Designed with recycled metals; 5% ocean-bound plastic[5,6,7,8,9]
Certifications
Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; FCC; GS Mark; ISO 9241-307; KC; KCC; NOM; PSB; SEPA; TUV-S; VCCI; Vietnam MEPS; WEEE; ISC; Low blue light; WW application; UAE; Ukraine EE; Ukraine CoC; Ukraine DOC; Microsoft WHQL Certification (Windows 11)
Microsoft WHQL certification
Windows 11
Operating temperature range
41 to 95°F
Operating humidity range
20 to 80% RH (non-condensing)

Additional information

Manufacturer Warranty
HP three-year limited warranty
What's in the box
Monitor; DisplayPort™ cable; HDMI cable; VESA Mount adapter; Warranty card; USB Type-A to B cable; Quick Setup Poster; AC power cord; Color calibration report[10]
Country of origin
Made in China

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Accessories and services (not included)

HP B550 PC Mounting Bracket

Customize an altogether better solution with the HP PC B550 Mounting Bracket, which lets you attach your Z Mini Workstation directly behind select HP Z displays[1]/Series 7 Pro monitors[2].
Product number: 16U00AA
[1] Compatible with the following Z displays: Z24f G3, Z24n G3, Z24u G3, Z27q G3, Z27u G3, Z27k G3.
[2] Compatible with the following HP Series 7 Pro monitors: 724pu, 724pn, 724pf, 732pk.

HP Z G3 Conferencing Speaker Bar

What you say and hear is just as important as what you see on conference calls. If you are looking for clearer, richer sound along with style and flexibility, look no further than the Z G3 Conferencing Speaker Bar to improve your audio experience[1].
Product number: 32C42AA
[1] Mounting is compatible only for the HP 724pf Display, HP 724pn Display, HP 724pu Display, HP 732pk Display, HP Z24f G3 Display, HP Z24n G3 Display, HP Z24u G3 Display, HP Z27q G3 Display, HP Z27u G3 Display, HP Z27k G3 Display, HP Z25xs G3 Display, HP Z27xs G3 Display.
[2] Must paired with Z G3 Conferencing Speaker Bar Stand (74N60AA) to be compatible with selected Series 7 Pro monitors 727pq, 727pu and 727pk.

HP Business PC Security Lock v3 Kit

Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the affordable HP Business PC Security Lock v3 Kit.
Product number: 3XJ17AA

HP Quick Release Monitor Single Arm

Give yourself more options for comfort and more space on your desk with the HP Quick Release Monitor Arm. With three easy options to mount on your desk and quick release attach for select E-Series G5[1] and select Series 7 Pro monitors[2], it's never been easier to maximize workday comfort and desk space.
Product number: 762U0AA
[1] Compatible with monitors that have 100 x 100 VESA mount and adapter. Quick release attach capability is available for the following E-Series G5 monitors: E22 G5, E24 G5, E24t G5, E24q G5, E27 G5, E27q G5, E24u G5, E27u G5, E27k G5, and E32k G5.
[2] Requires monitor VESA adapter for selected models. Please contact your Sales agent or HP Service for further guidance.

HP Desktop Mini v4+ VESA Sleeve

Wrap your HP Desktop Mini PC in the HP Desktop Mini v4+ VESA Sleeve to securely mount it—with or without an Expansion Module[1,2]—behind your display, position the solution on a wall, and lock it down with the integrated security bracket and optional HP Ultra-Slim Cable Lock.
Product number: 99T54AA
[1] Each sold separately. Expansion Modules are compatible with the HP Desktop Mini v4+ VESA Sleeve (99T54AA). The HP DM VESA Power Supply Holder Kit and HP DM VESA Quick Deploy Adhesive are only compatible with HP Desktop Mini v4+ VESA Sleeve (99T54AA). See product QuickSpecs for exact configurations.
[2] Requires HP Quick Release Monitor Arm, or HP B600/B550/B560 PC mounting bracket for selected models. Please contact your Sales agent or HP Service for further guidance.

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Footnotes

Messaging Footnotes

[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[2] 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, with 85% post-consumer recycled plastics + 5% Ocean-Bound Plastics (PET).
[3] 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.
[4] Based on US EPEAT® registration according to IEEE 1680.1-2020 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[5] AC Power cable, DisplayPort™ cable, and USB-A cable included. All other cables 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] HP Display Manager software agent must be running on a web server and host PC. Host PC requires Windows 10 or higher. Some limitations may apply to legacy monitors. HP Display Manager is available for download on support.hp.com.
[8] The HP Pixel Policy allows no bright sub-pixel defects for this display. For complete details, see http://support.hp.com/us-en/document/c00288895
[9] 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] 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 and include 1 HDMI or 1 DisplayPort™ outputs to drive the monitor at the Preferred Mode.
[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] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[6] ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[7] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[8] All plastic parts contain ocean-bound plastic. Percentage of ocean-bound plastic contained in each component varies by product.
[9] Percent of recycled metal varies by product.
[10] Included cables may vary by country.
[11] Lock sold separately.
[12] Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.

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