HP Series 3 Pro 23.8 inch FHD Monitor - 324pf

Your Everyday Monitor

Expand your view and boost productivity with an additional 23.8 inches of workspace from this FHD monitor. Work in comfort with a crisp, smooth screen and simple design, so you can get more done every day.

*Product image may differ from actual product

100 Hz

Elevate the Everyday

Make your everyday experience more productive and enjoyable with an expanded workspace for projects and assignments. This sleek 23.8" FHD monitor boasts a quality IPS screen that's visible from any angle and up to 100 Hz refresh rate[1] for sharp images and fluid motion.

HP Eye Ease

Increased Comfort. Improved Focus.

Keep your eyes comfortable with a flicker-free screen so you can get more done in your day. Plus, avoid the yellow color shift and keep the comfort with HP Eye Ease, an always-on hardware low-blue light filter that doesn't impact color accuracy.

Clean Design. Clear Mind.

Streamline your desk with a monitor that helps you stay focused. Cut the clutter with neat cable management, a slim, tilt-adjustable stand, and a 3-sided micro-edge bezel to cleanly pair dual monitors. Easily customize your settings with the intuitive joypad OSD button.

Sustainability in action

Built for a Better Tomorrow

This monitor meets high energy-saving standards with ENERGY STAR® certification and EPEAT® registration[2] to reduce power consumption. To help protect our planet, it leverages recycled materials and uses 100% recyclable outer box packaging.[3]

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Featuring

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

Always-on, True Color, Low-Blue Light Filter
HP Eye Ease, an always-on, hardware low-blue light filter, helps keep your eyes comfortable throughout the day by reducing blue light without the yellow color shift.

100 Hz Refresh Rate
Experience smooth scrolling, life-like video and clear detail with a 100 Hz refresh rate that provides fluid movement from frame to frame.[1]

Adjustable Tilt
The tilt-adjustable slim stand helps you find the right angle so you can maximize productivity and work comfortably.

Plenty of Ports
This monitor is ready to connect for sharp FHD visuals with multiple ports including 1 x VGA, 1 x HDMI 1.4, and 1 x DP 1.2.[4,5]

3-Sided Micro-Edge Bezel
See and do more on your screen with a 3-sided micro-edge bezel that maximizes your viewing area for a sleek design and virtually seamless dual-monitor setups.

Intuitive Joypad OSD Button
Easily configure your monitor settings with the touch of a button. Simply navigate the on-screen menu with the joypad OSD button to adjust brightness and resolution.

Neat Cable Management
Be more productive with a cleaner workspace by removing the clutter of mixed cables with a neat cable management solution.

Easily Personalize and Adjust Your Monitor
Customize your monitor with easy to use, intuitive HP Display Center software that lets you tailor your settings, partition screens, and even dim the screen—all through the host PC.[6]

Remote Management Reimagined
HP Display Manager makes remote management of the monitor easy. Simplify deployment, asset tracking, and remotely control monitor settings, like turning the power off.[7]

Energy Efficient Design
These monitors meet the latest energy efficiency and environmental standards for tech and IT with EPEAT® registration and ENERGY STAR® and TCO certifications.[2]

Materials that Matter
This monitor's plastics contain 85% recycled ITE plastics to reduce the amount of raw materials we use. It's all part of our commitment to help protect our shared future.[8]

Thoughtful Product Packaging
HP is committed to reducing plastic in landfills by using 100% recyclable outer box packaging that meets recycling requirements, so it can stay out of the landfill when customers are finished with it.[3,9]

HP PC Mounting Bracket
Save space and optimize your desk by attaching the B200 bracket to the base of the monitor stand and your PC.[10]

Works With Chromebook Certified
The Works With Chromebook badge on a device means it's optimized to work with your Chromebook and other Chrome OS devices. Enjoy a seamless experience across Works With Chromebook certified accessories.[11,12]

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Specifications

Display specifications

Display size
23.8"[1]

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)[1]

Resolutions supported
640 x 480 @ 60 Hz; 720 x 400 @ 70 Hz; 800 x 600 @ 60 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 @ 60 Hz; 640 x 480 @ 75 Hz (digital inputs only); 800 x 600 @ 75 Hz (digital inputs only); 1024 x 768 @ 75 Hz (digital inputs only); 1280 x 1024 @ 75 Hz (digital inputs only); 1920 x 1080 @ 50 Hz (digital inputs only); 1920 x 1080 @ 75 Hz (digital inputs only); 1920 x 1080 @ 100 Hz (digital inputs only)

Panel type
IPS[1]

Bezel
3-sided borderless

Panel active area
52.7 x 29.64 cm

Panel bit depth
8 bit (6 bit + FRC)[1]

Display colors
Up to 16.7 million colors supported[1,3]

Display color gamut
72% NTSC

Refresh rate (maximum)
100 Hz[1]

Display scan frequency
50-100 Hz (HDMI, DisplayPort™); 50-60 Hz (VGA) (Vertical)[1] 30-80 kHz (VGA); 30-115 kHz (HDMI, DisplayPort™) (Horizontal)[1]

Response time
5ms GtG (with overdrive)[1]

Brightness
250 nits[1]

Contrast ratio
1000:1 (Static)[1] 8000000:1 (Dynamic)[1]

Pixel pitch
0.28 x 0.28 mm[1]

Pixels per inch (ppi)
93 ppi[1]

Viewing angle
178° (Vertical) 178° (Horizontal)

Backlight type
Edge-lit; WLED

Backlight lamp life
30,000 hours

Display features
Anti-glare; HP Eye Ease; Tilt

Display User Control Options
Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit

Management software
HP Display Center; HP Display Manager[6]

Low blue light modes
Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)[1]

Flicker-free
Yes (TÜV certified)

Screen treatment
Anti-glare

Hardness
3H[1]

Haze
25%

VESA mount
100 x 100 mm

Tilt
-5 to +23°

Connectivity and communications

Port and connectors
1 HDMI 1.4
1 DisplayPort™ 1.2
1 VGA

HDCP
Yes, DisplayPort™ and HDMI

Power supply
100 - 240 VAC 50/60 Hz
(Internal)

Standby mode power demand
0.5 W

Logistics and Physical

Product color
Black

Stand color
Black

Detachable stand
Yes

Physical security
Security lock-ready[5]

Base area footprint
17.4 x 17 cm

Dimensions without Stand (W x D x H)
53.89 x 5.14 x 32.36 cm

Dimensions with stand (W x D x H)
53.89 x 18.05 x 39.79 cm

Weight
3.77 kg (with stand)

Packaged Dimensions (W x D x H)
59.5 x 12.4 x 39.1 cm

Packaged weight
5.86 kg

Certification and compliance

Energy efficiency
ENERGY STAR® certified D

Environmental specifications
Low halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic[7,8,9]

Certifications
Australia MEPS; Bauart; CB; CE; CEL; China CCC; C-Tick; cTUVus; EAC; EUP Lot-5; EUP Lot-6; FCC; ISO 9241-307; KC (Korean) requirements; KCC (Korean) requirements; Korea MEPS (E-standby); NOM (Mexico); PSB for Singapore; RCM; SEPA; S-Mark for Argentina; Taiwan BSMI; VCCI; Vietnam MEPS; EUP Lot-26; Ukraine Energy label; California Energy Commission (CEC); South Africa Energy; Mexico Energy; WW application; UAE; TGM; India BIS; Cambodia ISC; PSE; Works with Chromebook certified; CEL Grade 2

Microsoft WHQL certification
Windows 11; Windows 10

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; HDMI cable; Warranty card; Quick Setup Poster; AC power cord[4]

Country of origin
Made in China and Thailand

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Accessories and services (not included)

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 B200 PC Mounting Bracket

Create a compact, efficient workspace with the HP B200 PC Mounting Bracket. Simply attach the bracket to the base of your select P G5 Series monitor and easily slide in your select HP Desktop Mini PC[1] for an optimized space-saving solution that doesn't interfere with port access or tilt adjustment.
Product number: 762T5AA
[1] Compatible with HP P22v G5, HP P22 G5, HP P22h G5, HP P24v G5, HP P24 G5, HP P24h G5, HP P27 G5, and HP P27h G5 and select mini PCs: EliteDesk 800 G6 UMA Mini, EliteDesk 805 G6 UMA Mini, EliteDesk 800 G8 UMA Mini, EliteDesk 805 G8 UMA Mini, Elite Mini 800 G9 UMA, Elite Mini 600 G9, ProDesk 600 G6 Mini, ProDesk 400 G6 Mini, 260 G4 Desktop Mini, Pro Mini 400 G9 Desktop PC, Pro Mini 260 G9 Desktop PC.

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/Series 5 Pro[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 select HP E Series, Series 5 Pro, and Series 7 Pro monitors. Please check detailed compatibility on accessory datasheet.
[2] Requires monitor VESA adapter 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. 100 Hz refresh rate can be supported via HDMI and DP cable connection only. 60 Hz refresh rate with VGA.

[2] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

[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] FHD content is required to view FHD images.

[5] HDMI 1.4 and AC power cable included. All other cables sold separately.

[6] 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. Some limitations may apply to legacy monitors.

[8] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard. Plastics consist 85% Post-Consumer Recycled Plastic (PCR).

[9] Recycling facilities not available in all locations.

[10] Compatible with all P G5 series, Series 3 Pro and these select mini PCs: Elite Mini 800 G9 UMA sku, Elite Mini 600 G9, Pro Mini 400 G9, Pro Mini 260 G9, EliteDesk 800 G8 UMA sku, EliteDesk 805 G8 UMA sku, EliteDesk 800 G6 UMA sku, EliteDesk 805 G6 UMA sku, ProDesk 600 G6, ProDesk 400 G6, 260 G4 Desktop Mini.

[11] Google tested to meet Chromebook compatibility standards.

[12] 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.

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 100 Hz with 8-bit color using one HDMI or DisplayPort™; 1920 x 1080 at 60 Hz with 8-bit color using one VGA.

[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.

[7] ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard.

[8] Molded pulp cushions are made from 100% recycled wood fiber and organic materials.

[9] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.