Datasheet

HP Series 3 Pro 23.8 inch FHD Monitor - 324pv

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 everyday.



*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 an enhanced 3000:1 contrast ratio and up to 100Hz 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

Designed with purpose

This monitor is ENERGY STAR® certified and EPEAT registered[2] and ships in packaging with certified or recycled sources of paper packaging.[3]

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Featuring

Enhanced Contrast
See even more of the nuanced differences of color, shadow, and highlights thanks to an enhanced 3000:1 contrast ratio.[1]

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 1 x VGA and 1 x HDMI 1.4 port.[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]

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.[7]

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.[3,8]

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.[9]

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.[10,11]

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Specifications

Display specifications

Display size	60.5 cm (23.8")[1]
Viewable diagonal size	23.8" (60.47 cm)
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	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	VA; LCD[1]
Bezel	3-sided micro-edge
Panel active area	52.7 x 29.65 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
Display scan frequency	50-60 Hz (VGA); 50-100 Hz (HDMI) (Vertical)[1]; 30-80 kHz (VGA); 30-115 kHz (HDMI) (Horizontal)[1]
Response time	5ms GtG (with overdrive)[1]
Brightness	250 nits[1]
Contrast ratio	3000:1 (Static)[1]
Pixel pitch	0.27 x 0.27 mm[1]
Pixels per inch (ppi)	93 ppi
Viewing angle	178° (Vertical) 178° (Horizontal)
Backlight type	Edge-lit; WLED
Backlight lamp life	30,000 hours
Display User Control Options	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit
Management software	HP Display Center; HP Client Management Script Library
Low blue light modes	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
Adjustability	Tilt: -5 to +23°
Camera	No integrated camera

Connectivity and communications

Port and connectors	1 HDMI 1.4 1 VGA
HDCP	Yes, HDMI
Power supply	100 - 240 VAC 50/60 Hz (Internal)

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Specifications

Appearance

Product color	Black
Stand color	Black
Detachable stand	Yes
Physical security	Standard lock slot[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	3.56 kg
Weight Note	with stand
Packaged Dimensions (W x D x H)	59.5 x 12.4 x 39.1 cm
Packaged weight	5.54 kg

Certification and compliance

Energy efficiency class (SDR)	D 
On mode power demand in Standard Dynamic Range (SDR)	14 W
Standby mode power demand	0.5 W
Energy efficiency	ENERGY STAR® certified
TCO certified	TCO Certified, generation 10; TCO Certified, Edge[14]
EPEAT registered	EPEAT registered with Climate+[13]
Sustainable impact specifications	At least 85% ITE-derived closed loop plastic; At least 10% recycled metal; Molded paper pulp cushion inside box is made of 100% recycled or certified sources; Low halogen[7,8,9,10]
Certifications	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; CSA; EAC; FCC; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TUV Bauart; TUV LBL; VCCI; Vietnam MEPS; WEEE; ISC; California Energy Commission (CEC); WW application; ICE; TÜV Flicker free certified; UAE safety; UAE RoHS; Works with Chromebook certified; South Africa safety; Ukraine safety
Microsoft WHQL certification	Windows 11; Windows 10[12]
Environmental	Operating temperature range: 5 to 35°C Operating humidity: 20 to 80% RH (non-condensing) Non-operating humidity: 5 - 95%

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 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 select HP P Series and Series 3 Pro Monitors. Please check detailed compatibility on accessory datasheet.
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		Enjoy more comfort and space with the HP Quick Release Monitor Arm. Easily mount and quickly release select E-Series G5[1], Series 5 Pro[2], and Series 7 Pro[3] monitors to maximize workday comfort and desk space. **Product number: 762U0AA** [1] Compatible with select HP P Series, Series 3 Pro, 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 only. 60 Hz refresh rate with VGA.
[2] EPEAT registered where applicable, tier levels may vary by country. See www.epeat.net for registration status and tier levels by country.
[3] HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.
[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] 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).
[8] Recycling facilities not available in all locations.
[9] 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.
[10] Google tested to meet Chromebook compatibility standards.
[11] 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] 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; 1920x1080 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] Recycled plastic content 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] Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.
[10] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[11] The Client Management Script Library must be downloaded to the connected PC to run CMSL commands. Some limitations may apply to legacy displays. Visit hp.com to download HP CMSL.
[12] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
[14] TCO Certified is a ISO 14024 Type 1 sustainability label for IT products. Compliance with all criteria is independently verified.

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