Datasheet

HP Series 3 Pro 21.45 inch FHD Monitor - 322pv

Your Everyday Monitor

Expand your view and boost productivity with an additional 21.45 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

100Hz

Elevate the Everyday

Make your everyday experience more productive and enjoyable with an expanded workspace for projects and assignments. This sleek 21.45" 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 on what matters. Cut out clutter with a narrow bezel, neat cable management, and slim, tilt-adjustable stand. 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 100% recyclable outer box packaging.[3]

epeat GOLD

ENERGY STAR

works with chromebook

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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]

Narrow Bezel
See and do more with a narrow bezel that minimizes distraction and maximizes screen space.

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 Display
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
21.45"[1]
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; 800 x 600 @ 75 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 @ 50 Hz; 640 x 480 @ 75Hz (HDMI only); 800 x 600 @ 75 Hz (HDMI only); 1024 x 768 @ 75 Hz (HDMI only); 1280 x 1024 @ 75 Hz (HDMI only); 1920 x 1080 @ 50 Hz (HDMI only); 1920 x 1080 @ 75 Hz (HDMI only); 1920 x 1080 @ 100 Hz (HDMI only)
Panel type
VA[1]
Bezel
Narrow
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
50-60 Hz (VGA); 50-100 Hz (HDMI) (Vertical)[1] 30-80 kHz (VGA); 30-115 kHz (HDMI) (Horizontal)[1]
Response time
5ms GtG (with scalar overdrive)[1]
Brightness
250 nits[1]
Contrast ratio
3000:1 (Static)[1]
Pixel pitch
0.25 x 0.24 mm[1]
Pixels per inch (ppi)
103 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 VGA
HDCP
Yes, HDMI
Power supply
100 - 240 VAC 50/60 Hz
(Internal)
Power consumption
22 W (maximum), 11 W (typical), 0.5 W (standby)

Logistics and Physical

Product color
Black
Stand color
Black
Detachable stand
Yes
Physical security
Security lock-ready[5]
Base area footprint
6.69 x 6.85 in
Dimensions without Stand (W x D x H)
19.85 x 2 x 11.93 in
Dimensions with stand (W x D x H)
19.85 x 7.11 x 15.23 in
Weight
6.2 lb (with stand)
Packaged Dimensions (W x D x H)
22.32 x 4.76 x 15.24 in
Packaged weight
9.3 lb

Certification and compliance

Energy efficiency
ENERGY STAR® certified
Environmental specifications
Low halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic; 10% recycled metal[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
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 Vietnam

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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[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.

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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] 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] HDMI 1.4 or VGA 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; 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] 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.

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June 2024