



# HP Series 3 Pro 21.5 inch FHD Monitor - 322pf (9U5B0UT)



## Overview

### Your Everyday Monitor

Make your everyday experience more productive and enjoyable with an expanded workspace for projects and assignments. This sleek 21.5" 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.

100Hz

### Elevate the Everyday

Make your everyday experience more productive and enjoyable with an expanded workspace for projects and assignments. This sleek 21.5" 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.



### 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 joystick OSD button.

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.



### 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]

## Features

### IPS Technology

No matter where you stand, IPS technology ensures image accuracy and consistency across wide 178-degrees horizontal and vertical viewing angles.<sup>[1]</sup>

### 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.<sup>[1]</sup>

### 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.<sup>[4,5]</sup>

### 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.

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*[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](http://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.*

## Specifications

Display size (diagonal)	21.5"
Panel technology	IPS
Display size (diagonal)	54.6 cm (21.5")
Aspect ratio	16:9 <sup>[1]</sup>
Native resolution	FHD (1920 x 1080) <sup>[1,2]</sup>
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)
Pixel pitch	0.25 x 0.25 mm <sup>[1]</sup>
Brightness	250 nits <sup>[1]</sup>
Contrast ratio	1000:1 <sup>[1]</sup>
Response time (typical)	5ms GtG (with overdrive) <sup>[1]</sup>
Minimum dimensions (W x D x H)	48.8 x 5.13 x 29.43 cm (without stand)
Minimum dimensions (W x D x H)	19.21 x 2.02 x 11.59 in (without stand)
Dimensions With Stand (W x D x H)	48.8 x 18.04 x 37.82 cm
Weight	3.25 kg (with stand)
Weight	7.16 lb (with stand)
Display features	Anti-glare; HP Eye Ease; Tilt
Onscreen controls	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit
Display colors	Up to 16.7 million colors supported <sup>[1,3]</sup>
Display scan frequency (horizontal)	30-80 kHz (VGA); 30-115 kHz (HDMI, DisplayPort™) <sup>[1]</sup>
Display scan frequency (vertical)	50-100 Hz (HDMI, DisplayPort™); 50-60 Hz (VGA) <sup>[1]</sup>
Power	100 - 240 VAC 50/60 Hz
Power consumption	25 W (maximum), 20 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% RH (non-condensing)

<b>Sustainable impact specifications</b>	Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 85% post-consumer recycled plastic
<b>Certifications and compliances</b>	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
<b>Physical security</b>	Security lock-ready <sup>[5]</sup>
<b>Management Software</b>	HP Display Center; HP Display Manager
<b>UPC number</b>	(A2K) 198122622436; (A2N) 198122622443; (AB0) 198122622450; (AB1) 198122622467; (AB2) 198122622474; (AB4) 198122622481; (ABA) 198122622498; (ABB) 198122622504; (ABG) 198122622511; (ABJ) 4582712452910; (ABT) 198122622528; (ABU) 198122622535; (ABV) 198122622542; (ABY) 198122622559; (AC8) 198122622566; (ACJ) 198122622573; (ACQ) 198122622580; (AH3) 198122622597; (AKH) 198122622603; (AKL) 198122622610; (AR6) 198122622627; (UUF) 198122622634; (UUZ) 198122622641
<b>Manufacturer Warranty</b>	HP three-year limited warranty
<b>What's in the box</b>	Monitor; HDMI cable; Warranty card; Quick Setup Poster; AC power cord <sup>[4]</sup>

## Additional specifications

Backlight lamp life	30,000 hours
Backlight type	Edge-lit; WLED
Base area footprint (imperial)	6.85 x 6.69 in
Base area footprint (metric)	17.4 x 17 cm
Bezel	3-sided borderless
Color gamut	72% NTSC
Country of origin	Made in China and Thailand
Curvature	Flat
Datasheet photo 1	AHID/c4e3d4c80b1a9e92e208911460e758532e3ddd98
Datasheet photo 2	AHID/bc5d54e36c36ee85aa2f06ba063e935a505f601b
Datasheet photo 3	AHID/41e7374f28cb21dd0d68e4f4e1428cc0f7a7c188
Datasheet photo 4	AHID/0dec148550bc855eac254f3bac64ad9d8f17d14f
Detachable stand	Yes
Display area (imperial)	18.74 x 10.54 in
Display area (metric)	47.61 x 26.78 cm
Display contrast ratio (dynamic)	8000000:1
DisplayPort™	1 DisplayPort™ 1.2
Energy star certified	ENERGY STAR® certified
Flicker-free	Yes (TÜV certified)
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
Hardness	3H <sup>[1]</sup>
Haze	25%
Horizontal viewing angle	178°
Low blue light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified) <sup>[1]</sup>
Non-Operating Humidity Range	5 – 95%
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	56.7 x 12.1 x 38.7 cm
Package dimensions (W x D x H)	22.32 x 4.76 x 15.24 in
Package weight	5.21 kg
Package weight	11.49 lb
Panel bit depth	8 bit (6 bit + FRC) <sup>[1]</sup>
Pixels per inch (ppi)	93 ppi <sup>[1]</sup>

<b>Power supply type</b>	Internal
<b>Product dimensions with stand (W x D x H)</b>	19.21 x 7.1 x 14.89 in
<b>Refresh rate (maximum)</b>	100 Hz
<b>Resolution (maximum)</b>	FHD (1920 x 1080 @ 100 Hz) <sup>[1]</sup>
<b>Screen treatment</b>	Anti-glare
<b>Stand color</b>	Black
<b>Technology logo 1</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123379.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123379.png</a>
<b>Technology logo 2</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png</a>
<b>Technology logo 3</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08737446.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08737446.png</a>
<b>Tilt</b>	-5 to +23°
<b>UNSPSC code</b>	43211902
<b>VESA mounting</b>	100 x 100 mm
<b>VGA</b>	1 VGA
<b>Vertical viewing angle</b>	178°
<b>Viewable diagonal size</b>	21.5" (54.61 cm)

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*[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.*

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# Accessories for PC

## Stands/Mounting Brackets

★ : Recommended

### Mounting Brackets

HP B200 PC Mounting Bracket	762T5AA
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### Stands

HP Quick Release Monitor Single Arm	762U0AA
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## Security

### Security Cables

HP Business PC Security Lock v3 Kit	3XJ17AA
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