

HP Series 3 Pro 23.8 inch FHD Monitor - 324pb

Big Features. Big Value.

Make work easy with an everyday monitor. A sharp 23.8-inch FHD, IPS screen and built-in speakers boosts your productivity, while tilt adjustability helps you work comfortably. Plus, the essential ports that you need to get your work done, including DisplayPort™, HDMI and VGA.



*Product image may differ from actual product



See a Full View

Be more productive on your everyday tasks with this 23.8" FHD monitor with built-in speakers. An IPS panel ensures you can see your content from any angle. Experience more vibrant colors with 1200:1 contrast ratio and fluid content with up to 75 Hz refresh rate.¹



Increased Comfort

Stay comfortable and productive throughout the day with adjustable tilt. Keep your eyes comfortable with the option to turn on software low-blue light mode for warmer colors onscreen.



Plug and Play Convenience

This monitor lets you quickly connect to devices like a PC and video source using the DisplayPort™ 1.2, HDMI 1.4, and VGA ports.²

Sustainability in action

Energy-Efficient Design

This energy-efficient monitor is ENERGY STAR® and TCO certified.



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Featuring



FHD Resolution

Focus on the finer details and enjoy sharp visuals and crystal clear images with the 1920 x 1080 FHD resolution on this 23.8" diagonal monitor.¹

Built-In 2 x 1.5 W Speakers

Listen to music, meetings and more with the built-in, dual 1.5 W speakers.

IPS Technology

No matter where you are or sit, IPS technology ensures image accuracy and consistency across wide 178-degree horizontal and vertical viewing angles.¹

75 Hz Refresh Rate

Experience smooth, life-like video and clear detail with a 75 Hz refresh rate that provides fluid movement from frame to frame.¹

More Contrast

See the nuanced differences of color, shadow, and highlights thanks to the 1200:1 contrast ratio.¹

Adjustable Tilt

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

Software Low Blue Light Mode

Keep your eyes comfortable throughout the day by turning on Low Blue Light Mode to subtly shift display colors to a warmer spectrum.

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 DisplayPort™ 1.2.^{2,3}

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.

Increased Energy Efficiency

HP is committed to helping protect our shared future by minimizing the energy our monitors consume to help reduce energy demand. This monitor is held to the highest energy saving standard with an ENERGY STAR® rating and TCO certification.⁴



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Specifications

Display specifications

Display size
23.8"

Display size (diagonal, metric)
60.5 cm (23.8")

Viewable diagonal size
23.8" (60.47 cm)

Aspect ratio
16:9¹

Curvature
Flat

Native resolution
FHD (1920 x 1080)^{1,2}

Resolution (maximum)
FHD (1920 x 1080 @ 75 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 (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); 720 x 480 @ 60 Hz; 720 x 576 @ 50 Hz; 1280 x 800 @ 60 Hz

Panel type
IPS

Bezel
3-sided borderless

Panel active area
52.7 x 29.65 cm

Panel bit depth
8 bit (6 bit + 2 FRC)

Display colors
Up to 16.7 million colors supported^{1,3}

Display color gamut
72% NTSC¹

Refresh rate (maximum)
75 Hz¹

Display scan frequency
50-75 Hz (Vertical)¹ 30-86 kHz (Horizontal)¹

Response time
5ms GtG (with overdrive)¹

Brightness
250 nits¹

Contrast ratio
1200:1 (Static)¹ 1,000,000:1 (Dynamic)¹

Pixel pitch
0.2745 x 0.2745 mm¹

Pixels per inch (ppi)
93 ppi¹

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

Backlight type
Edge-lit

Backlight lamp life
30,000 hours

Display features
Low blue light mode; Anti-glare; Integrated speakers; Tilt

Display User Control Options
Color; Image; Brightness; OSD setting; Others; Reset

Low blue light modes
Yes (TÜV certified)¹

Screen treatment
Anti-glare

Hardness
3H¹

Haze
25%

VESA mount
100 x 100 mm

Tilt
-5 to +15°

Speaker output power
2 x 1.5 W

Connectivity and communications

Port and connectors
1 HDMI 1.4
1 DisplayPort™ 1.2
1 VGA
1 x 3.5 mm Audio Jack (Audio In)

HDCP
Yes, DisplayPort™ and HDMI

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

Power consumption
36 W (maximum), 18 W (typical), 0.5 W (standby)

Logistics and Physical

Product color
Black

Stand color
Black

Detachable stand
Yes

Physical security
Security lock-ready

Base area footprint
23 x 19 cm

Dimensions without Stand (W x D x H)
54.1 x 4.7 x 32.6 cm (without stand)

Dimensions with stand (W x D x H)
54.1 x 19 x 41.6 cm

Weight
2.9 kg (with stand); 2.64 kg (without stand)

Packaged Dimensions (W x D x H)
59.5 x 12.5 x 39 cm

Packaged weight
4.5 kg

Pallet Dimensions (L x W x H)
109.5 x 109.5 x 207.5 cm

Pallet weight
372 kg

Pallet (layers)
5

Products per layer
16

Products per pallet
80

Certification and compliance

Energy efficiency
ENERGY STAR® certified

Ecolabels
TCO Certified

Environmental specifications
Low halogen; Recycled plastic cushions; 2% post-consumer recycled plastic^{4,5,6}

Certifications
BIS; CB(62368-1); TUV Rheinland

Operating temperature range
32 to 122°F

Non-operating temperature range
-20 to 60°C -4 to 140°F

Operating altitude
Up to 5,000 m

Operating humidity range
5 to 90% RH

Non-operating humidity range
5 - 90 %

Additional information

Manufacturer Warranty
HP three-year limited warranty

What's in the box
Monitor; HDMI cable; Warranty card; Power adapter; Quick Setup Poster; AC power cord⁷



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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. 75 Hz refresh rate can be supported via HDMI and DisplayPort™ cable connection only. 60 Hz refresh rate with VGA.

² HDMI 1.4, AC power cable and power adapter included. All other cables sold separately.

³ FHD content is required to view FHD images.

⁴ This product has been verified to meet ENERGY STAR® requirements.

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 and include one DisplayPort™, one HDMI or one VGA outputs to drive the monitor at the Preferred Mode.

³ Number of colors through A-FRC technology.

⁴ Service parts obtained after purchase may not be Low Halogen.

⁵ Plastic cushions are made from >90% recycled plastic.

⁶ Recycled plastic content percentage is based on the definition set in the IEEE 16801-2018 standard.

⁷ Included cables may vary by country.

⁸ Lock sold separately.

