



HP Series 3 Pro 23.8 inch FHD Monitor - 324pf (9U5J5AF)



Overview

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.

100Hz

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.



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 uses 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.

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.

[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.

Specifications

Display size (diagonal)	23.8"
Panel technology	IPS; LCD
Display size (diagonal)	60.5 cm (23.8")
Aspect ratio	16:9 ^[1]
Native resolution	FHD (1920 x 1080) ^[1,2]
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	0.28 x 0.28 mm ^[1]
Brightness	250 nits ^[1]
Contrast ratio	1000:1 ^[1]
Response time (typical)	5ms GtG (with overdrive) ^[1]
Dimensions (W x D x H)	53.89 x 5.14 x 32.36 cm (without stand)
Dimensions (W x D x H)	21.22 x 2.02 x 12.74 in (without stand)
Dimensions With Stand (W x D x H)	53.89 x 18.05 x 39.79 cm
Weight	3.77 kg (with stand)
Weight	8.3 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 ^[1,3]
Display scan frequency (horizontal)	30-80 kHz (VGA); 30-115 kHz (HDMI, DisplayPort™) ^[1]
Display scan frequency (vertical)	50-100 Hz (HDMI, DisplayPort™); 50-60 Hz (VGA) ^[1]
Power	100 - 240 VAC 50/60 Hz
Power consumption	30 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)

Sustainable impact specifications	Low halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic
Certifications and compliances	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
Physical security	Security lock-ready ^[5]
Management Software	HP Display Center; HP Client Management Script Library
UPC number	(A2N) 198122215621; (ABB) 198122215669; (ABT) 198122215683; (ABU) 198122215690; (ABV) 198122215720; (ABY) 198122215751; (ACQ) 198122215768; (AH3) 198122215805; (UUZ) 198122215829
Manufacturer Warranty	HP three-year limited warranty
What's in the box	Monitor; HDMI cable; Warranty card; Quick Setup Poster; AC power cord ^[4]

Additional specifications

Backlight lamp life minimum (to half brightness)	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/a337fa66cdaf2cead187d87aa2d9727727015218
Datasheet photo 2	AHID/a05779dd488eb5b0cd6d7d58910e356669e90246
Datasheet photo 3	AHID/ba4e65b5aa52be6f297978e28d6b3590cba9c852
Datasheet photo 4	AHID/e0b0ea104d95fb548b2a1e1907d1055dcf40f9f6
Detachable stand	Yes
Display area (imperial)	20.75 x 11.67 in
Display area (metric)	52.7 x 29.64 cm
Display contrast ratio (dynamic)	8000000:1
DisplayPort™	1 DisplayPort™ 1.2
Ecolabels	TCO Certified; TCO Certified Edge; EPEAT® registered with Climate+
Energy star certified	ENERGY STAR® certified
Flicker-free	Yes (TÜV certified)
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
Hardness	3H ^[1]
Haze	25%
Horizontal viewing angle	178°
Low blue light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified) ^[1]
Non-Operating Humidity Range	5 – 95%
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	23.43 x 4.88 x 15.39 in
Package dimensions (W x D x H)	59.5 x 12.4 x 39.1 cm
Package weight	12.92 lb
Package weight	5.86 kg

Panel bit depth	8 bit (6 bit + FRC) ^[1]
Pixels per inch (ppi)	93 ppi ^[1]
Power supply type	Internal
Product color	Black
Product dimensions with stand (W x D x H)	21.22 x 7.11 x 15.67 in
Refresh rate (maximum)	100 Hz
Resolution (maximum)	FHD (1920 x 1080 @ 100 Hz) ^[1]
Screen treatment	Anti-glare
Stand color	Black
Stand type	Fixed height stand; Base stand; With stand
Technology logo 1	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123379.png
Technology logo 2	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png
Technology logo 3	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08737446.png
Tilt	-5 to +23°
UNSPSC code	43211902
VESA mounting	100 x 100 mm
VGA	1 VGA
Vertical viewing angle	178°
Viewable diagonal size	23.8" (60.47 cm)

[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.

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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