HP Series 3 Pro 23.8 inch FHD Monitor - 324pv (9U5C1AA)



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 everyday.

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.

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.

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.

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]

Features

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.

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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 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.

Specifications

Display size (diagonal)	23.8"
Panel technology	VA; LCD
Display size (diagonal)	60.5 cm (23.8")
Aspect ratio	16:9[1]
Native resolution	FHD (1920 x 1080)[1,2]
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)
Pixel pitch	0.27 x 0.27 mm[1]
Brightness	250 nits[1]
Contrast ratio	3000:1[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 With Stand (W x D x H)	53.89 x 18.05 x 39.79 cm
Weight	3.56 kg *(with stand)*
Display features	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)[1]
Display scan frequency (vertical)	50-60 Hz (VGA); 50-100 Hz (HDMI)[1]
Camera	No integrated camera
Power	100 - 240 VAC 50/60 Hz
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% RH (non-condensing)
Sustainability 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

Certifications and compliances	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
Physical security	Standard lock slot[5]
Management Software	HP Display Center; HP Client Management Script Library[6,11]
UPC number	(A2N) 198122210299; (ABB) 198122210350; (ABT) 198122210374; (ABU) 198122210381; (ABV) 198122210398; (ABY) 198122210404; (ACQ) 198122210442; (AH3) 198122210459; (UUZ) 198122210534
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 (metric)	17.4 x 17 cm
Bezel	3-sided micro-edge
Color gamut	72% NTSC
Curvature	Flat
Datasheet photo 1	AHID/1b3816c5e2831626d207f03d338b24d4ce3e23cf
Datasheet photo 2	AHID/524361c2b2f30c3ec9dae737aaf2c809bc3e015b
Datasheet photo 3	AHID/dc14c7f6496fd190059b2c51e67370defd1485f0
Datasheet photo 4	AHID/bcff96758ba62c6fdfeb40241137f21989623a58
Detachable stand	Yes
Display area (metric)	52.7 x 29.65 cm
EPEAT registered	EPEAT registered with Climate+
Energy efficiency class	D
Energy efficiency class external url	https://eprel.ec.europa.eu/screen/product/electronicdisplays/1989028
Energy efficiency class label image	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c09012902.png
Energy efficiency class logo	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c07055645.png
Energy star certified	ENERGY STAR® certified
Flicker-free	Yes (TÜV certified)
HDCP	Yes, HDMI
HDMI	1 HDMI 1.4
Hardness	3H[1]
Haze	25%
Horizontal viewing angle	178°
Low blue light	HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)[1]
Non-Operating Humidity Range	5 – 95%
On mode power demand in Standard Dynamic Range (SDR)	14 W
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	59.5 x 12.4 x 39.1 cm
Package weight	5.54 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 long name specifications	HP Series 3 Pro 23.8 inch FHD Monitor - 324pv, 100 Hz, 72% NTSC, VA; LCD, No integrated camera, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Product short name specifications	HP Series 3 Pro 23.8 inch FHD Monitor - 324pv, 100 Hz, 72% NTSC, VA; LCD
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
Standby mode power demand	0.5 W
TCO Certified	TCO Certified, generation 10; TCO Certified, Edge
Technology logo 1	AHID/0af0b73da3cedf6ed8052d5292d695d19bc2e41f
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°
Video connectors	HDMI
Viewable diagonal size	23.8" (60.47 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] 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.

[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.

Accessories for PC

Stands/Mounting Brackets

★ : Recommended

Mounting Brackets

HP B200 PC Mounting Bracket	762T5AA

Stands

HP Quick Release Monitor Single Arm	762U0AA

Security

Security Cables

HP Business PC Security Lock v3 Kit	3XJ17AA

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