



HP Series 3 Pro 21.45 inch FHD Monitor - 322pe



Everyday Work Essentials

Get the essentials you need to be more productive on this 21.45-inch FHD, IPS monitor. The sleek, 3-sided borderless design is perfect for any desk and a crisp, smooth screen makes completing everyday projects easier. Simply connect via HDMI or VGA and get to work.



Elevate Your View

This 21.45-inch FHD[1] monitor has just what you need to complete your everyday tasks. A 3-sided micro-edge design and IPS panel ensures you see more of your screen, while 100 Hz refresh rate delivers crisp and fluid content.[2]



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.



Connect Easily

Easily plug in and get to work with the connections you need, which include an HDMI 1.4 and VGA ports for video and audio. [3]



Built for a Better Tomorrow

This energy-efficient monitor is ENERGY STAR® and EPEAT® Silver[4] registered as well as TCO certified. Plus, it contains 85% post-consumer recycled plastic (PCR)[5] and comes in 100% sustainably sourced packaging.[6]

Features

FHD Resolution

Focus on the finer details and enjoy sharp visuals and crystal clear images with the 1920 x 1080 FHD resolution on this 21.45" diagonal monitor.^[1,2]

100 Hz Refresh Rate

With a 100 Hz refresh rate this monitor is capable of clear details, smoothly moving from frame to frame, allowing for fast split-second reaction time.^[2]

IPS Technology

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

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.

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.

[1] FHD content is required to view FHD images.

[2] 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 cable connection only. Refresh rates can be user enabled in PC settings. 60Hz refresh rate supported with VGA.

[3] HDMI 1.4, AC power cable included. All other cables sold separately.

[4] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information. This product has been verified to meet ENERGY STAR® requirements.

[5] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard.

[6] 100% of paper-based packaging made from sustainably sourced, certified, and recycled fibers.

Specifications

Color	Black
Display size (diagonal)	21.45"
Panel technology	IPS; LCD
Display size (diagonal)	54.48 cm (21.45")
Aspect ratio	16:9 ^[1]
Native resolution	FHD (1920 x 1080) ^[1,2]
Resolutions supported	640 x 480 @ 60 Hz; 640 x 480 @ 75 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 @ 60 Hz; 1920 x 1080 @ 100 Hz; 1280 x 1024 @ 75 Hz; 1024 x 768 @ 75 Hz; 1280 x 800 @ 60 Hz; 720 x 400 @ 70 Hz (VGA only); 720 x 400 @ 70 Hz (HDMI only)
Pixel pitch	0.25 x 0.24 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)	49.28 x 4.30 x 28.65 cm (without stand)
Dimensions (W x D x H)	19.4 x 1.69 x 11.28 in (without stand)
Dimensions With Stand (W x D x H)	49.28 x 20.99 x 37.44 cm
Weight	2.6 kg (with stand); 2.2 kg (without stand)
Weight	5.73 lb (with stand); 4.85 lb (without stand)
Display features	Tilt
Onscreen controls	Brightness+; Color; Image; Input; Power; Menu; Management; Exit; Contrast; Language
Display colors	Up to 16.7 million colors supported ^[1,3]
Display scan frequency (horizontal)	52.4-110 kHz ^[1]
Display scan frequency (vertical)	48-100 Hz ^[1]
Power	90 – 264 VAC 50/60 Hz
Power consumption	17.6 W (maximum), 14.5 W (typical), 0.5 W (standby)
Operating temperature range	0 to 40°C
Operating humidity range	0 to 85% RH
Sustainable impact specifications	Low halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 85% post-consumer recycled plastic

Certifications and compliances	Australian-New Zealand MEPS; Bauart; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; ErP; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TUV-S; VCCI; Vietnam MEPS; WEEE; ISC; Low blue light; Mexico Energy; UAE ECAS; UAE RoHS; KMEPS; NRCS LOA; NRCS EE
Physical security	Security lock-ready ^[11]
Management Software	HP Display Center; HP Display Manager; HP Client Management Script Library ^[9,10]
UPC number	(A2K) 198701249979; (A2N) 198828988386; (AB0) 198701249986; (AB1) 198701249993; (AB2) 198701250005; (AB4) 198701250012; (ABA) 198701250036; (ABB) 198828988393; (ABG) 198828261380; (ABJ) 4582712520732; (ABU) 198828988409; (ABV) 198828988416; (AC4) 198701250043; (AC8) 198701250067; (ACJ) 198701250074; (ACQ) 198828988447; (AKH) 198701250098; (AKL) 198701250104; (AR6) 198701250135; (UUF) 198701250142
Manufacturer Warranty	HP three-year limited warranty
What's in the box	Monitor; HDMI cable; Quick Setup Poster; AC power cord ^[4]

Additional specifications

Backlight lamp life minimum (to half brightness)	30,000 hours
Backlight type	Edge-lit
Base area footprint (imperial)	8.98 x 8.26 in
Base area footprint (metric)	22.82 x 20.99 cm
Bezel	3-sided borderless
Color gamut	72% NTSC
Curvature	Flat
Datasheet photo 1	AHID/75b3c8932f7ed6e16b424edaabb75f41e464a875
Datasheet photo 2	AHID/0eeb891cfd1e9bef625be0281d79e221b802941
Datasheet photo 3	AHID/80353105a644f47966b19fafd10a71aefc090cbe
Datasheet photo 4	AHID/4fa196e8526999c5e12c36ef4535e72574f697bb
Detachable stand	Yes
Display area (imperial)	18.85 x 10.25 in
Display area (metric)	47.87 x 26.03 cm
Display contrast ratio (dynamic)	8,000,000:1
Ecolabels	TCO Certified; EPEAT® registered with Climate+
Energy star certified	ENERGY STAR® certified
Flicker-free	Yes
HDCP	Yes, HDMI
HDMI	1 HDMI 1.4
Hardness	3H ^[1]
Haze	25%
Horizontal viewing angle	178°
Low blue light	Yes
Non-Operating Humidity Range	0 – 90%
Non-operating temperature - Celsius	-20 to 60°C
Non-operating temperature - fahrenheit	-4 to 140°F
Operating altitude	Up to 16,404 ft
Operating altitude	Up to 5,000 m
Operating temperature range	32 to 104°F
Package dimensions (W x D x H)	21.89 x 5.43 x 13.78 in

Package dimensions (W x D x H)	55.6 x 13.8 x 35 cm
Package weight	9.04 lb
Package weight	4.1 kg
Pallet (layers)	6
Pallet dimensions	47.24 x 39.37 x 87.95 in
Pallet dimensions (W x D x H)	120 x 100 x 223.4 cm
Pallet weight	787.93 lb
Pallet weight	357.4 kg
Panel bit depth	8 bit (6 bit + FRC) ^[1]
Pixels per inch (ppi)	101 ppi ^[1]
Power supply type	Internal
Product color	Black
Product dimensions with stand (W x D x H)	19.4 x 8.26 x 14.74 in
Products per pallet	84
Products per pallet layer	14
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
Storage altitude	Up to 39.370 ft
Storage altitude	Up to 12,000 m
Technology logo 1	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08717783.png
Technology logo 2	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03123379.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	21.45" (54.48 cm)

[1] All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.

[2] DisplayPort™ 1.4 or HDMI 2.0 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz with 8 bit color using one DisplayPort™, HDMI. The video card of the connected PC must be capable of supporting 1920 x 1080 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the Preferred Mode.

[3] Number of colors through A-FRC technology.

[4] Included cables may vary by country.

[9] Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.

[10] HP CMSL software agent must be running on a web server and host PC. Some limitations may apply to legacy monitors. HP CMSL is available for download on support.hp.com.

[11] Lock sold separately.

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