

HP Series 3 Pro 23.8 inch FHD Monitor - 324pb

Active

B22BDAA

BO

Series →

Specifications

All Specs

Aspect ratio	16:9
Audio port	1 x 3.5 mm Audio Jack (Audio In)
Backlight lamp life minimum (to half brightness)	30,000 hours
Backlight type	Edge-lit
Base area footprint (metric)	23 x 19 cm
Bezel	3-sided borderless
Brightness	250 nits
Camera	No integrated camera
Certifications and compliances	BIS; CB(62368-1); TUV Rheinland
Color	Black
Color gamut	72% NTSC
Contrast ratio	1200:1
Country of origin	India(ACJ)
Curvature	Flat
Detachable stand	Yes
Dimensions (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
Display area (metric)	52.7 x 29.65 cm
Display colors	Up to 16.7 million colors supported
Display contrast ratio (dynamic)	1,000,000:1
Display features	Tilt

Display scan frequency (horizontal)	30-86 kHz
Display scan frequency (vertical)	50-75 Hz
Display size (diagonal)	60.5 cm (23.8")
DisplayPort™	1 DisplayPort™ 1.2
Ecolabels	TCO Certified
End of Life CO2e (kg)	2
Energy star certified	ENERGY STAR® certified
Hardness	3H
Haze	25%
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
Horizontal viewing angle	178°
Low blue light	TÜV certified
Manufacturer Warranty	HP three-year limited warranty
Material Type for item	FERT
Native resolution	FHD (1920 x 1080)
Non-Operating Humidity Range	5 - 90 %
Non-operating temperature - Celsius	-20 to 60°C
Operating altitude	Up to 5,000 m
Operating humidity range	5 to 90% RH
Operating temperature range	32 to 122°F
Package dimensions (W x D x H)	59.5 x 12.5 x 39 cm
Package weight	4.5 kg
Pallet (layers)	5
Pallet dimensions (W x D x H)	109.5 x 109.5 x 207.5 cm

Pallet weight	372 kg
Panel bit depth	8 bit (6 bit + 2 FRC)
Panel technology	IPS; LCD
Physical security	Security lock-ready
Pixel pitch	0.2745 x 0.2745 mm
Pixels per inch (ppi)	93 ppi
Power	100 - 240 VAC 50/60 Hz
Power consumption	36 W (maximum), 18 W (typical), 0.5 W (standby)
Power supply type	External
Product color	Black
Production CO2e (kg)	156
Products per pallet	80
Products per pallet layer	16
Refresh rate (maximum)	75 Hz
Registration required	No
Resolution (maximum)	FHD (1920 x 1080 @ 75 Hz)
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 @ 75Hz (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
Response time (typical)	5ms GtG (with overdrive)
Screen treatment	Anti-glare
Speaker output power	2 x 1.5 W
Stand color	Black
Stand type	Fixed height stand; Base stand; With stand
Sustainable impact specifications	Low halogen; Recycled plastic cushions; 2% post-consumer recycled plastic
Tilt	-5 to +15°
Total CO2e (kg)	290

Total CO2e (kg) note	A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.
Transportation CO2e (kg)	2
UNSPSC code	43211902
UPC number	198828485618
Vertical viewing angle	178°
VESA mounting	100 x 100 mm
VGA	1 VGA
Video connectors	HDMI; DisplayPort™-in
Viewable diagonal size	23.8" (60.47 cm)
Weight	2.9 kg (with stand); 2.64 kg (without stand)
What's in the box	Monitor; HDMI cable; Warranty card; Power adapter; Quick Setup Poster; AC power cord

Logistics

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### Specifications

- [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.

### Legal disclaimer

Product image may differ from actual product

- [3] FHD content is required to view FHD images.
- [4] This product has been verified to meet ENERGY STAR® requirements.

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