

# HP Series 3 Pro 23.8 inch FHD Monitor - 324pf (9U5J5UT)

HP Series 3 Pro 23.8 inch FHD Monitor - 324pf (9U5J5UT) All tech specs	
Display size (diagonal)	23.8"
Display size (diagonal)	60.5 cm (23.8")
Panel technology	IPS; LCD <sup>1</sup>
Display features	Anti-glare; HP Eye Ease; Tilt
Color gamut	72% NTSC
Onscreen controls	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit
Native resolution	FHD (1920 x 1080) <sup>1, 2</sup>
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)
Contrast ratio	1000:1 <sup>1</sup>
Display contrast ratio (dynamic)	8000000:1
Brightness	250 nits <sup>1</sup>
Pixel pitch	0.28 x 0.28 mm <sup>1</sup>
DisplayPort™	1 DisplayPort™ 1.2
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
VGA	1 VGA
VESA mounting	100 x 100 mm
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
Package dimensions (W x D x H)	59.5 x 12.4 x 39.1 cm
Weight	3.77 kg (with stand)
Package weight	5.86 kg
Screen treatment	Anti-glare
Tilt	-5 to +23°
Horizontal viewing angle	178°
Vertical viewing angle	178°
Aspect ratio	16:9 <sup>1</sup>
Backlight type	Edge-lit; WLED
Bezel	3-sided borderless
Curvature	Flat
Detachable stand	Yes
Display area (metric)	52.7 x 29.64 cm
Response time (typical)	5ms GtG (with overdrive) <sup>1</sup>
Display scan frequency (horizontal)	30-80 kHz (VGA); 30-115 kHz (HDMI, DisplayPort™)
Display scan frequency (vertical)	50-100 Hz (HDMI, DisplayPort™); 50-60 Hz (VGA)
Flicker-free	Yes (TÜV certified)
Hardness	3H
Low blue light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified) <sup>1</sup>
Panel bit depth	8 bit (6 bit + FRC)
Pixels per inch (ppi)	93 ppi
Resolution (maximum)	FHD (1920 x 1080 @ 100 Hz)
Management Software	HP Display Center; HP Client Management Script Library
Physical security	Security lock-ready <sup>3</sup>
Power	100 - 240 VAC 50/60 Hz
Power supply type	Internal
Power consumption	30 W (maximum), 20 W (typical), 0.5 W (standby)
Operating humidity range	20 to 80% RH (non-condensing)
Non-Operating Humidity Range	5 – 95%
Operating temperature range	5 to 35°C
Operating temperature range	41 to 95°F

Sustainable impact  
specifications  
What's in the box  
Manufacturer Warranty

Low halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic <sup>4 5 6</sup>  
Monitor; HDMI cable; Warranty card; Quick Setup Poster; AC power cord <sup>7</sup>  
HP three-year limited warranty

#### Footnotes and disclaimers

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. Lock sold separately.
4. ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard.
5. Molded pulp cushions are made from 100% recycled wood fiber and organic materials.
6. External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
7. Included cables may vary by country.