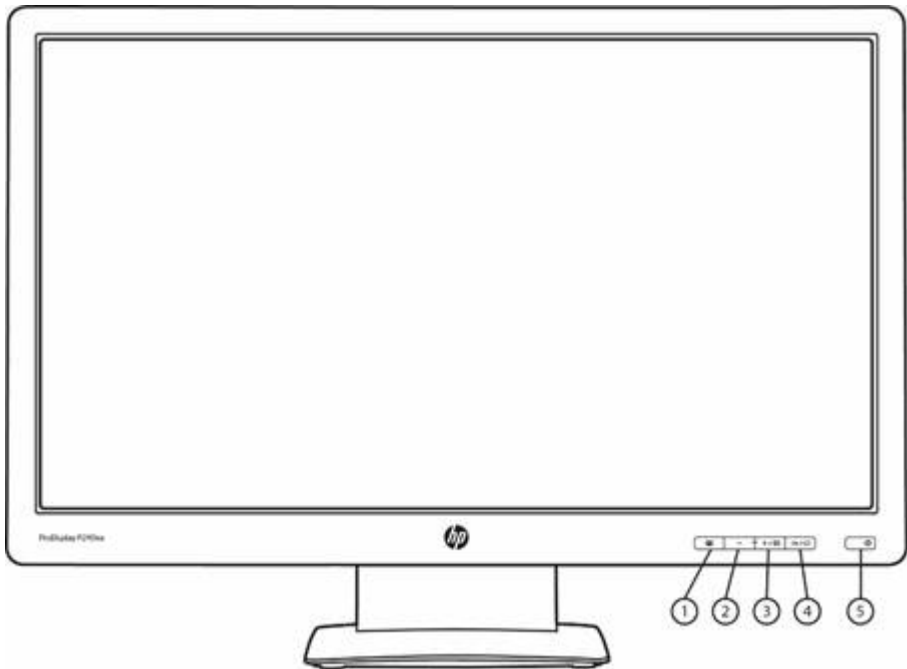


Overview

HP ProDisplay P240va 23.8-inch Monitor



1.

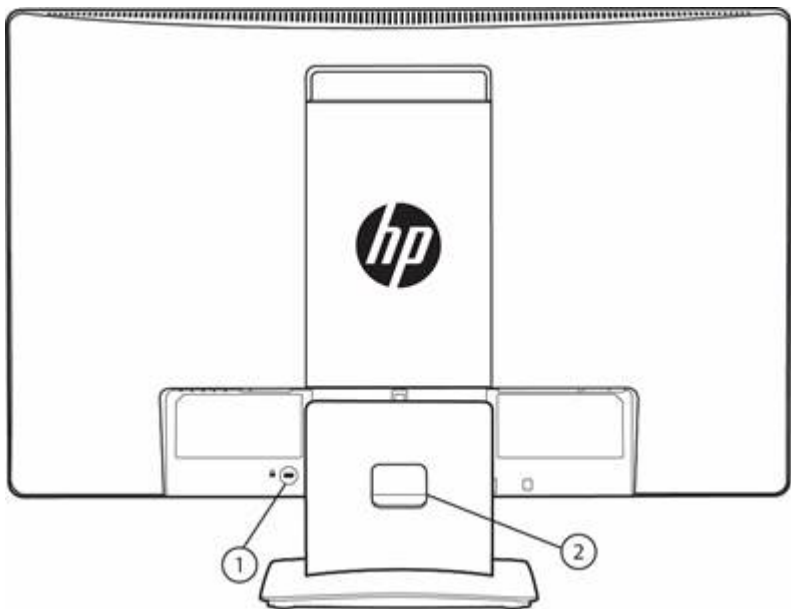
Menu button
2.

Minus (" - ")
3.

Plus (" + ") /Input Control
4.

OK/Auto,
5.

Power button and LED



1.

Security lock slot
2.

Cable routing opening

### Overview



HP ProDisplay P240va and HP Adjustable Dual Display Stand dual monitor configuration shown. (Note: monitors and stands sold separately)

Your ideal office configuration begins with two HP ProDisplay P240va monitors combined with an HP Adjustable Dual Display Stand (AW664AA) for a small footprint, high productivity work solution.\*

\*NOTE: Multi-monitor support is dependent on your system. Check your user guide or technical specifications for compatibility. Optional accessories may be required.

### Overview

Give your HP Pro PC content room to roam on the extra-large HP ProDisplay P240va Monitor, a sleek display that delivers essential presentation features and advanced connectivity for your everyday business productivity needs at a highly affordable price point.

#### Key features:

- Share your content in crisp, clear color on the 23.8-inch diagonal screen with 1920 x 1080 resolution, and 3000:1 contrast ratio.
- Experience stunning FHD picture quality, ultra-fast graphics refresh, vivid colors from DisplayPort, and device compatibility for VGA and HDMI.
- Attach your HP PC or select HP Thin Client directly behind the display.<sup>2</sup>
- Reduce power consumption and help lower your costs with an energy-efficient design.
- Free up valuable desk space with mounting options<sup>3</sup> enabled by the 100-mm VESA pattern.
- Customize a total solution with options<sup>3</sup> designed for your display.
- Design the screen for how you work with HP Display Assistant software.
- Get award-winning service and support by phone or online.

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

2 Requires HP Quick Release, sold separately. See product QuickSpecs for exact PC and thin client compatibility.

3 Each accessory sold separately. Mounting hardware sold separately. Head only model sold separately and availability varies by region.

Technical Specifications

Models:

N3H14AA- HP ProDisplay P240va 23.8-inch Monitor

Panel	Type	23.8-inch VA w/LED backlight
	Viewable Image Area (diagonal)	60,47cm (23.8-inch) widescreen; diagonally measured
	Panel Active Area (W ? H)	52,7 x 29,65 cm (20.75 x 11.67 in)
	Resolution	1920 x 1080 @ 60 Hz
	Aspect Ratio	16:9
	Viewing Angle	Up to 178° horizontal/178° vertical typical
	Brightness	250 cd/m <sup>2</sup>
	Contrast Ratio (Typical)	3000:1 Static; 5,000,000:1 Dynamic (DCR)
	Response Times*	8 ms typical
	Pixel Pitch	0.2739 (H) x 0.2739 (V)mm
	Pixels Per Inch (PPI)	93
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Color Support	Up to 16.7 million colors with the use of FRC technology
	Color Gamut (Typical)	72%

\* Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

User Controls	Buttons or Switches	Menu, Minus ("-"), Plus ("+") /Input Control, OK/Auto, Power
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	On Screen Display (OSD) User Controls	Brightness, Contrast, Color, Image Control, OSD control, Management, Language, Information, Factory Reset, Input Control
Signal Interface/ Performance	Horizontal Frequency	24-94 kHz
	Vertical Frequency	50-76 Hz
	Native Resolution	1920 x 1080 @ 60 Hz
	Preset Graphic Modes (non-interlaced)	1920 X 1080 @ 60 Hz
		1680 X 1050 @ 60 Hz
		1600 X 900 @ 60 Hz
		1440 X 900 @ 60 Hz
		1280 X 1024 @ 60 Hz
		1280 X 720 @ 60 Hz
		1024 X 768 @ 60 Hz
		800 X 600 @ 60 Hz
		720 X 400 @ 70 Hz
		640 X 480 @ 60 Hz
	Maximum Pixel Clock Speed	170 MHz

Technical Specifications

Video/Other Inputs	Anti-Glare	Yes	
	Plug and Play	Yes	
	Input Connectors	(1) DisplayPort 1.2, (1) HDMI 1.4, (1) VGA HDCP support on DisplayPort and HDMI	
	USB	N/A	
	Video Cables Included	1) DisplayPort 1,8 m (5.9 ft) ; (1) VGA 1,8 m (5.9 ft)	
	Audio	N/A	
Multimedia	Speakers	N/A	
Power	Power Supply	Internal	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	32 W	
	Typical Power	25 W	
	Sleep Power	0.5 W	
	Power Cable Length	1,9 m (6.2 ft)	
Mechanical	Dimensions (W ? D ? H)	Unpacked w/stand	57,12 x 19,12 x 41,64 cm (22.49 x 7.53 x 16.39 in)
		Unpacked w/o stand (head only)	57,12 x 5,5 x 35,55 cm (22.49 x 2.17 x 14 in)
		Packaged	65,4 x 16,9 x 44,4 cm (25.74 x 6.65 x 17.48 in)
	Weight	Head Only	3,6 kg (7.93 lb)
		Unpacked with stand	4,3 kg (9.47 lb)
		Packaged	5,9 kg (12.99 lb)
Ergonomic Features - Not available on head only model	Detachable Stand	Yes, ships detached	
	Height Adjustment	N/A	
	Tilt Range	-5° to + 22° vertical	
	Swivel	N/A	
	Pivot	N/A	
Environmental	Temperature - Operating	5° to 35° C (41° to 95° F)	
	Temperature - Non-operating	-20° to 60° C (-4° to 140° F)	
	Humidity - Operating	20% to 80% non-condensing	
	Humidity - Non-operating	5% to 95%, 38.7° C max wet-bulb	
	Altitude - Operating	0 to 5,000 m (0 to 16,400 ft)	
	Altitude - Non-operating	0 to 12,192 m (0 to 40,000 ft)	
	White LED Backlights	Yes	
	CCFL Panel	No	
	Arsenic-Free Display Glass	Yes	

Technical Specifications

Options	Low Halogen <sup>1</sup>	Yes (except cables)
	Mercury-Free Display Backlighting	Yes
	HP Adjustable Dual Display Stand—Part Number AW664AA	Premium space-saving dual screen solution provides access to more monitor real estate and makes it possible to manage multiple applications simultaneously. Weight adjustable for dual monitors from 17-24". Rotate displays into portrait/landscape positions.
	HP Single Monitor Arm—Part number BT861AA	The flexible design of the HP Single Monitor Arm provides a seemingly endless range of display adjustments with an amazing 13 inches of lift, 75 degrees of tilt, and 360 degrees of pan and rotation – all at your fingertips -- helping you stay comfortable and productive throughout the day.
	HP DisplayPort Cable Kit —Part number VN567AA	Connects a DisplayPort connector on an HP Business Desktop computer to a DisplayPort connector on a monitor
	HP LCD Monitor Quick Release — Part number EM870AA <sup>4</sup>	An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach an LCD monitor to a variety of stands, brackets, arms or wall mounts. For more information, refer to this product's QuickSpecs document.
What's in the box?	HP Business PC Security Lock Kit — Part number PV606AA	Attaches to the rear of the PC with a six-foot steel cable that can be used to secure a PC or peripherals such as mice, keyboards, monitors or USB security devices to protect them against unauthorized removal by physically connecting the system to an anchor point.
	Monitor and Accessories	HP ProDisplay P240va 23.8-inch Monitor , AC power cord (1.9m) 6.2 ft, DisplayPort cable (1.8m), 5.9 ft, VGA cable (1.8m), 5.9 ft
	Documentation	CD (includes user guide, warranty, drivers)
	Software	HP Display Assistant
Other	User Guide Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
	Warranty Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
	Color	Black
	VESA Mounting	100 mm VESA mount
	Security Lock-Ready	Yes
	Country of Origin	China
Certification and Compliance	TCO Certified, CEL Grade 1, Microsoft WHQL Certification (Windows 8.1 and Windows 7), ENERGY STAR <sup>®</sup> Qualified, EPEAT <sup>®</sup> Gold <sup>2</sup> , CE, CB, KC, KCC, NOM, PSB, ICE, TUV-S, ISO 9241-307, EAC, UL, CSA, PSB, ISC, CCC, CECP, SEPA, ISC, VCCI, FCC, BSMI, Vietnam MEPS, Australian-New Zealand MEPS, WEEE	
Compatibility	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.	
Service and Warranty	Protected by HP, including a 3 year standard limited warranty. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties. <sup>3</sup>	

### Technical Specifications

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1. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
2. EPEAT® Gold where HP registers commercial display products. See [www.epeat.net](http://www.epeat.net) for registration status in your country.
3. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See <http://www.hp.com/go/cpc> for details.
4. The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) for all devices mounted. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). HP recommends that you consult with a qualified engineering, architectural or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.

## Change Log

[illegible]