

Overview

HP V320 31.5-inch Monitor



- 1. Menu:** Opens, selects or exits the OSD menu.
- 2. Information**
- 3. Brightness/Color Control**
- 4. OK/Auto**
- 5. Power:** Turns the monitor on or off.

Overview

Part number

W2Z78AA

Introduction

Experience stunning visuals in an expansive panorama with the HP V320 31.5-inch Monitor, which boasts a massive 31.5-inch diagonal FHD screen, narrow bezel design, and wide viewing angles at an affordable price.

Key Benefits

- Enjoy your images and content in rich color with Full HD 1920 x 1080 resolution¹ at a surprisingly affordable price point.
- See and share every detail on an extra-large 31.5-inch diagonal screen with 178/178 degree viewing angles.
- Create a modern, stylish workspace with a display that features a sleek, premium design and narrow bezels.
- Quickly and easily connect to your devices with VGA and DVI inputs.
- Customize your display's position with adjustable tilt settings.
- Rest assured that your IT investment is supported by a three-year standard limited warranty. To extend your protection, select optional HP Care Packs.²

1. Full High-definition (FHD) content required to view FHD images.
 2. Sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
-

Technical Specifications

Technical Specifications

Panel	Type	ADS w/LED backlight
	Viewable Image Area	80 cm (31.5 in) widescreen; diagonally measured
	Active Area (W x H)	69,84 x 39,29 cm (27.50 x 15.47 in)
	Aspect Ratio	16:9
	Viewing Angle (typical)	Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	250 cd/m ²
	Contrast Ratio (typical)*	1200:1
	Dynamic Contrast Ratio (typical)*	6,000,000:1
	Response Rate (typical)*	5 ms (on/off)
	Pixel Pitch	(H) 0.36375 mm x (V) 0.36375 mm
	Pixels Per Inch	70 PPI
	Backlight Lamp Life * (to half brightness)	30K hours minimum
	Color Gamut *	72% (typical)
	Color Support **	Can display up to 16.7 million colors
	*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.	
	** With the use of FRC technology.	
On Screen Display (OSD)	Buttons or Switches	Brightness, Color Control, Information, Menu
	Languages	10 (German, Simplified Chinese, Traditional Chinese, Japanese, English, Spanish, French, Italian, Netherlands, Brazilian Portuguese)
	User Controls	Brightness, Contrast, Input Control, Color, Image Control, Power Control, Menu Control, Management, Language, Information, Factory Reset, Exit
Signal Interface/ Performance	Horizontal Frequency	24 to 80 kHz
	Vertical Frequency	50 to 76 Hz
	Native Resolution	1920 x 1080 @ 60Hz
	Preset VESA Graphic Modes (non-interlaced)	640 x 480 @ 60Hz 720 x 400 @ 70 Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 720 @ 60 Hz 1280x800 @60 Hz 1280 x 1024 @ 60 Hz 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz 1680x1050@60 Hz

Technical Specifications

		1920x1080@60 Hz	
	Maximum Pixel Clock Speed	170 MHz	
	User Programmable Modes	Yes, 8	
	Anti-Glare	Yes	
	Default Color Temperature	6500 K	
Video/Other Inputs	Plug and Play	Yes	
	Input Signal	VGA, DVI-D (HDCP support on DVI)	
	Video Cables	N/A	
	Video Cable Lengths	N/A	
Power	Power Supply	Internal	
	Input Power	100 - 240 VAC (50/60 Hz)	
	Typical Power Consumption	36 W	
	Maximum	39 W	
	Power Saving	0.5 W	
	Power Cable Length	1,5 m (4.9 ft)	
Mechanical	Dimensions (W x D x H)	Unpacked w/stand	72,97 x 58,34 x 49,48 cm (28.73 x 22.97 x 19.48 in)
		Unpacked w/o stand (head only)	72,97 x 58,34 x 43,28 cm (20.00 x 1.90 x 17.68 in)
		Packaged	86 x 22,4 x 63,4 cm (28.72 x 22.97 x 17.04 in)
	Weight	Head Only	5,8 kg (13 lb)
		Unpacked	5,9 kg (13 lb)
		Packaged	10,1 kg (22.3 lb)
	Tilt Range	-5° to + 13° vertical	
	Swivel Range	N/A	
	Height Adjustable	N/A	
	Pivot Rotation	N/A	
Base	Detachable, ships detached		
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, 404 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

	Low Halogen³	Yes
	Mercury-Free Display Backlights	Yes
Options (sold separately)	HP LCD Monitor Quick Release – Part number EM870AA¹	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.
	HP USB Graphics Adapter – Part number NL571AA	Enables connection of up to six simultaneous displays to help you boost productivity and multi-task across several open applications. Use one Adapter to bridge between a notebook or desktop PC and second monitor or use multiple Adapters to connect several displays to each other.
What's in the box?	Monitor and accessories	HP V320 31.5-inch Monitor VGA cable (1.5m) 4.92 ft AC power cord (1.5m) 4.92 ft Set up Poster CD (including U.G, warranty, drivers) Hard copy warranty booklet (country specific) VESA mount bracket
	Documentation	CD and printed documentation
	Software	N/A
Other	User Guide Languages	English, T.Chinese, S.Chinese, Indonesia, Korea, Japan, French
	Warranty Languages	English, T.Chinese, S.Chinese, Indonesia, Korea, Japan, French
	Bezel Color	White on bezel and back cover. Silver on stand
	VESA External Mounting	Yes, one set of standard 4-hole pattern, 100 mm.
	Security Lock-Ready	Yes, one security lock slot available
	Country of Origin	China
Certifications and Compliance	CB, CE, CCC, China CEL, Taiwan BSMI, VCCI, Microsoft WHQL Certification (Windows 10, 8, 7)	
Compatibility	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.	
Service and Warranty	Protected by HP, including up to a 3 year standard limited warranty*. Optional Care Pack Services are extended service contracts which go beyond your standard warranties. ²	
	*Warranty term may vary by region.	

1. 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.

Technical Specifications

2. HP Care Packs are sold separately. 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 www.hp.com/go/cpc for details. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

3. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

© Copyright 2016 HP Development Company, L.P. The information contained herein is subject to change without notice.

