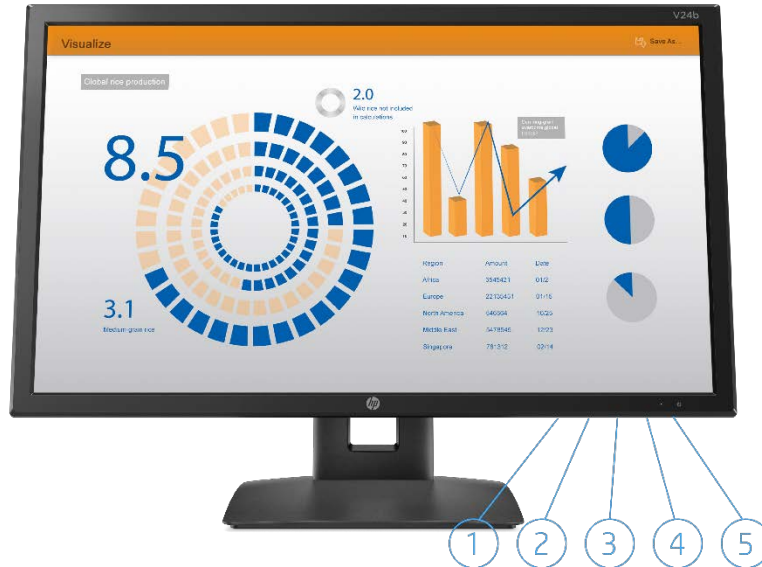
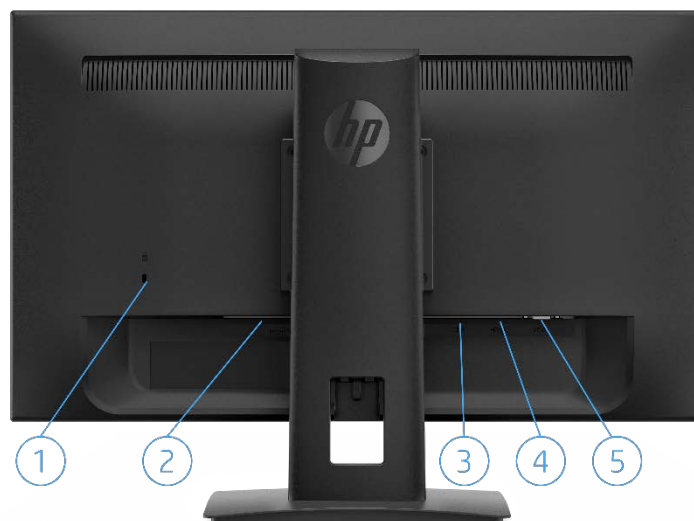


### Overview

#### HP V24b 23.6-inch Monitor



- 1. Menu
- 2. Minus (“-“)/Information
- 3. Plus (“+“)/Viewing Mode
- 4. Input Control
- 5. Power



- 1. Security lock slot
- 2. Power connector
- 3. DP
- 4. HDMI
- 5. VGA

### Technical Specifications

**Model:** 2XM34AA

<b>Panel</b>	<b>Type</b>	23.6-inch IPS
	<b>Viewable Image Area (diagonal)</b>	<b>59,94 cm</b> (23.6 in) widescreen; diagonally measured
	<b>Panel Active Area (W × H)</b>	<b>52,12 x 29,32 cm</b> (20.52 × 11.54 in)
	<b>Resolution</b>	1920 x 1080 @ 60 Hz
	<b>Aspect Ratio</b>	16:9
	<b>Viewing Angle*</b>	178° horizontal/178° vertical
	<b>Brightness*</b>	250 cd/m <sup>2</sup>
	<b>Contrast Ratio*</b>	1000:1 Static (Typical)
	<b>Response Times*</b>	5ms (Grey to Grey) Typical
	<b>Pixel Pitch*</b>	0.2715 mm
	<b>Pixels Per Inch (PPI)*</b>	102
	<b>Backlight Lamp Life* (to half brightness)</b>	30,000 hours minimum
	<b>Panel Bit Depth</b>	8bit (6 bit + Hi-FRC)
	<b>Color Production*</b>	Can display up to 16.7 million colors with the use of FRC technology
	<b>Color Gamut* (Typical)</b>	72% (NTSC)
<b>Default Color Temperature</b>	Neutral (6500)	
<b>Low Blue Light Modes</b>	No	
<p>* Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</p>		
<b>User Controls</b>	<b>Buttons or Switches</b>	Menu/OK, Minus ("-")/Information, Plus ("+") /Input Control/Power
	<b>On Screen Display (OSD) User Controls</b>	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit
	<b>Audio Controls</b>	N/A
	<b>Languages</b>	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, Traditional Chinese, and Simplified Chinese)
<b>Signal Interface/ Performance</b>	<b>Horizontal Frequency</b>	30–80 kHz
	<b>Vertical Frequency</b>	50-60 Hz
	<b>Native Resolution</b>	1920 x 1080 @ 60 Hz
	<b>Preset Graphic Modes (non-interlaced)</b>	640 x 480 @ 60Hz
		720 x 400 @ 70Hz
800 x 600 @ 60Hz		
1024 x 768 @ 60Hz		

### Technical Specifications

		1280 x 720 @ 60Hz	
		1280 x 800 @ 60Hz	
		1280 x 960 @ 60 Hz	
		1280 x 1024@ 60Hz	
		1440 x 900 @ 60 Hz	
		1600 x 900 @ 60Hz	
		1680 x 1050@ 60 Hz	
		1920 x 1080 @ 60Hz	
	<b>Maximum Pixel Clock Speed</b>	170 MHz	
	<b>Anti-Glare</b>	Yes	
<b>Video/Other Inputs</b>	<b>Plug and Play</b>	Yes	
	<b>Input Connectors</b>	(1) VGA	
		(1) HDMI	
		(1) DP	
		(HDCP Support)	
	<b>Cables Included</b>	no	
<b>Audio</b>	<b>Speakers</b>	N/A	
<b>Power</b>	<b>Power Supply</b>	Internal	
	<b>Input Power</b>	100 - 240 VAC 50/60 Hz	
	<b>Maximum Power</b>	20 W	
	<b>Typical Power</b>	18 W	
	<b>Sleep Power</b>	0.5 W	
	<b>Power Cable Length</b>	<b>1,9 m</b> (6.23 ft)	
<b>Mechanical</b>	<b>Dimensions</b> (W × D × H)	<b>Unpacked w/stand</b> (lowest setting)	<b>56,13 x 2,18 x 50,14 cm</b> (22.1 x 8.58 x 19.74 in)
		<b>Unpacked w/o stand</b> (head only)	<b>56.13 x 5,26 x 33,32 cm</b> (22.1 x 2.07 x 13.12 in)
		<b>Packaged</b>	<b>62,5 x 20 x 39,5 cm</b> (24.6 x 7.87 x 15.55 in)
	<b>Weight</b>	<b>Head Only</b>	<b>3,5 kg</b> (7.7 lb)
		<b>Unpacked</b>	<b>5,6 kg</b> (12.34 lb)
		<b>Packaged</b>	<b>7,3 kg</b> (16.10 lb)
<b>Ergonomic Features</b> - Not available on head only model	<b>Detachable Stand</b>	Yes, ships detached	
	<b>Tilt Range</b>	-5° to + 20° vertical	
	<b>Swivel</b>	Yes. 360°	
	<b>Pivot</b>	Yes, 90°	
	<b>Height</b>	Yes, 100mm	
<b>Environmental</b>	<b>Temperature - Operating</b>	<b>5° to 35° C</b> (41° to 95° F)	

### Technical Specifications

	<b>Temperature - Non-operating</b>	<b>-20° to 60° C</b> (-4° to 140° F)
	<b>Humidity - Operating</b>	20% to 80% non-condensing
	<b>Humidity - Non-operating</b>	5% to 95%
	<b>Altitude - Operating</b>	<b>0 to 5,000 m</b> (0 to 16,400 ft)
	<b>Altitude - Non-operating</b>	<b>0 to 12,192 m</b> (0 to 40,000 ft)
	<b>White LED Backlights</b>	Yes
	<b>CCFL Panel</b>	No
	<b>Arsenic-Free Display Glass</b>	Yes
	<b>Low Halogen<sup>1</sup></b>	N/A
	<b>Mercury-Free Display Backlights</b>	Yes
<b>Options</b> (each sold separately)	<b>HP LCD Monitor Quick Release</b> — 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.
	<b>HP Business PC Security Lock V2 Kit</b> — Part number N3R93AA	Help prevent chassis tampering and secure your PC and display in workspaces and public areas. Simply route the cable through the PC's lock slot and your display, anchor to a desk, table, or other fixed surface, and lock with your individual key. A master key configuration is also available upon request.
<b>What's in the box?</b>	<b>Monitor and Accessories</b>	HP V22b 21.5-inch Monitor, AC power cable <b>1,9 m</b> (6.2 ft), VGA cable <b>1,8 m</b> (5.9 ft), DP cable 1,8 m (5.9 ft)
	<b>Documentation</b>	Setup Poster, Product Notice, Warranty
	<b>Software</b>	N/A
<b>Other</b>	<b>User Guide Languages</b>	English, Portuguese Brazil, Spanish
	<b>Warranty Languages</b>	Portuguese Brazil, Spanish
	<b>Color</b>	Black
	<b>VESA Mounting</b>	100 mm VESA mount
	<b>Security Lock-Ready</b>	Yes
	<b>Country of Origin</b>	Brazil
<b>Certification and Compliance</b>	CB/FCC/cTUVus/S-Mark(Argentina)/WEEE, Certification (Win 7, Win 8, Win 10)	
<b>Compatibility</b>	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.	
<b>Service and Warranty</b>	Protected by HP, including a 3-year standard limited warranty (may vary by region). 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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2. 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](http://www.hp.com/go/cpc).

### Change Log

Change Log	
V1 to V2	Updated Ergonomic Features and Height Adjustment
	Updated Response Time