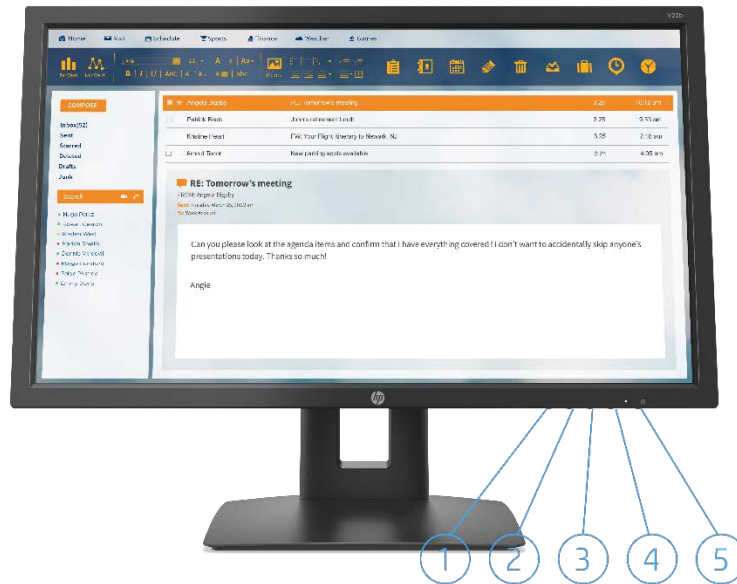
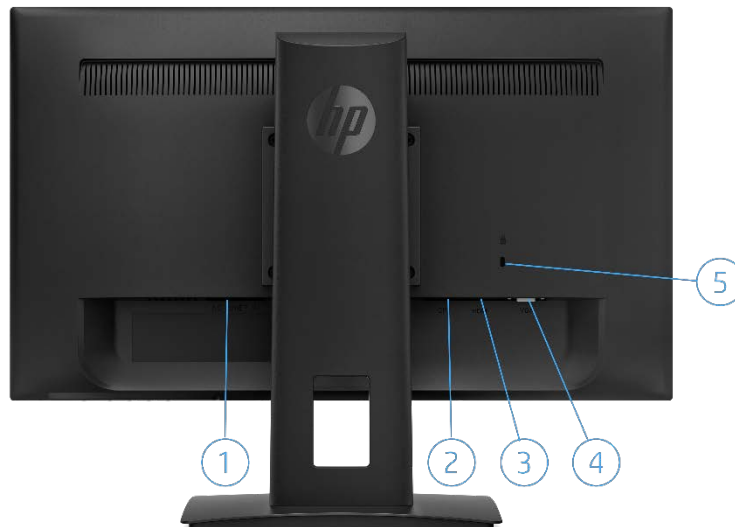


Overview

HP V22b 21.5-inch Monitor



- 1. Menu
- 2. Minus (“-“)
- 3. Plus (“+“)
- 4. OK
- 5. Power



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

Technical Specifications

Model: 2XM33AA

Panel	Type	21.5-inch IPS
	Viewable Image Area (diagonal)	54,61 cm (21.5 in) widescreen; diagonally measured
	Panel Active Area (W × H)	47,60 x 26,77 cm (18.74 × 10.54 in)
	Resolution	1920 x 1080 @ 60 Hz
	Aspect Ratio	16:9
	Viewing Angle*	178° horizontal/178° vertical
	Brightness*	250 cd/m ²
	Contrast Ratio*	1000:1 Static (Typical)
	Response Times*	5ms (Grey to Grey) Typical
	Pixel Pitch*	0.24795 mm
	Pixels Per Inch (PPI)*	102
	Backlight Lamp Life* (to half brightness)	30,000 hours minimum
	Panel Bit Depth	8bit (6 bit + Hi-FRC)
	Color Production*	Can display up to 16.7 million colors with the use of FRC technology
	Color Gamut* (Typical)	72% (NTSC)
Default Color Temperature	Neutral (6500)	
Low Blue Light Modes	No	
<p>* Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</p>		
User Controls	Buttons or Switches	Menu/OK, Minus ("-")/Information, Plus ("+") /Input Control/Power
	On Screen Display (OSD) User Controls	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit
	Audio Controls	N/A
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, Traditional Chinese, and Simplified Chinese)
Signal Interface/ Performance	Horizontal Frequency	30–80 kHz
	Vertical Frequency	50-60 Hz
	Native Resolution	1920 x 1080 @ 60 Hz
	Preset Graphic Modes (non-interlaced)	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	
	Maximum Pixel Clock Speed	170 MHz	
	Anti-Glare	Yes	
Video/Other Inputs	Plug and Play	Yes	
	Input Connectors	(1) VGA (1) HDMI (1) DP (HDCP Support),	
	Cables Included	no	
Audio	Speakers	N/A	
Power	Power Supply	Internal	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	18 W	
	Typical Power	16 W	
	Sleep Power	0.5 W	
	Power Cable Length	1,9 m (6.23 ft)	
Mechanical	Dimensions (W × D × H)	Unpacked w/stand (lowest setting)	51,32 x 2,18 x 49,02 cm (20.2 x 8.58 x 19.3 in)
		Unpacked w/o stand (head only)	51,32 x 4,79 x 30,47 cm (20.2 x 1.89 x 12 in)
		Packaged	58,5 x 20,5 x 37,5 cm (23.03 x 8.07 x 14.76 in)
	Weight	Head Only	3 kg (6.6 lb)
		Unpacked	5,1 kg (11.22 lb)
		Packaged	6,5 kg (14.3 lb)
Ergonomic Features - Not available on head only model	Detachable Stand	Yes, ships detached	
	Tilt Range	-5° to + 20° vertical	
	Swivel	Yes. 360°	
	Pivot	Yes, 90°	
	Height	Yes, 100mm	
Environmental	Temperature - Operating	5° to 35° C (41° to 95° F)	
	Temperature - Non-operating	-20° to 60° C (-4° to 140° F)	

Technical Specifications

	Humidity - Operating	20% to 80% non-condensing
	Humidity - Non-operating	5% to 95%
	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
	Low Halogen¹	N/A
	Mercury-Free Display Backlights	Yes
Options (each sold separately)	HP LCD Monitor Quick Release — Part number EM870AA ⁴	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 Business PC Security Lock V2 Kit — 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.
What's in the box?	Monitor and Accessories	HP V22b 21.5-inch Monitor, AC power cable 1,9 m (6.2 ft), VGA cable 1,8 m (5.9 ft), DP cable 1,8 m (5.9 ft)
	Documentation	Setup Poster, Product Notice, Warranty
	Software	N/A
Other	User Guide Languages	English, Portuguese Brazil, Spanish
	Warranty Languages	Portuguese Brazil, Spanish
	Color	Black
	VESA Mounting	100 mm VESA mount
	Security Lock-Ready	Yes
	Country of Origin	Brazil
Certification and Compliance	CB/FCC/cTUVus/S-Mark(Argentina)/WEEE, Certification (Win 7, Win 8, Win 10)	
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 (may vary by region). Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties. ³	

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.

