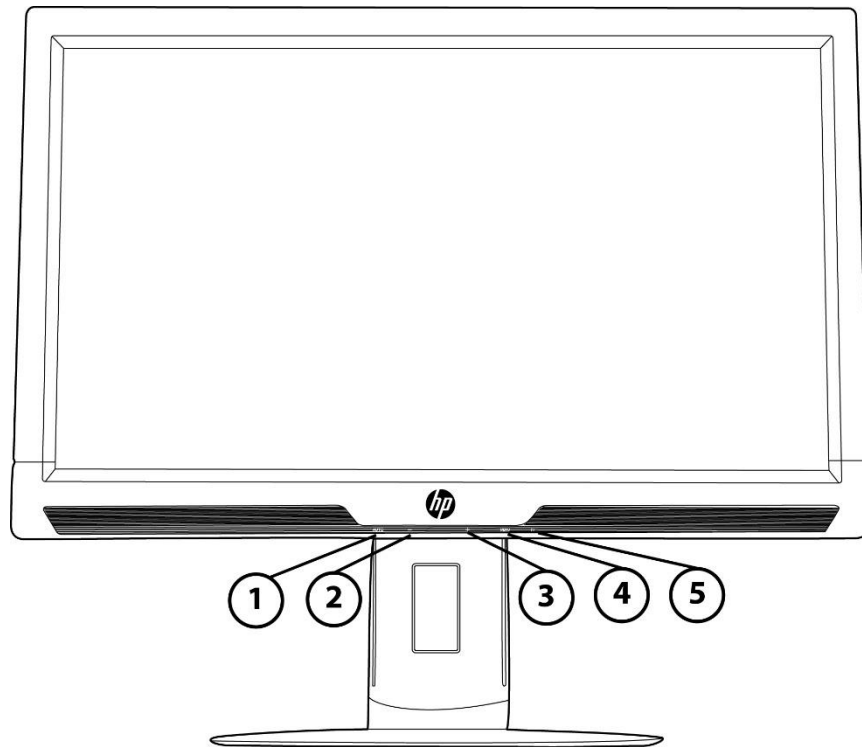


Overview

HP V203hz 19.45-inch Monitor



1. Ok/Auto
2. Minus ("-")
3. Plus ("+") /Input Control

4. Menu
5. Power button and LED

Overview

Overview

Experience HD quality presentation features and remarkable brightness, contrast and clarity with the HP V203hz 19.45-inch Monitor, a sleek, thin-profile monitor in a compact, space-saving screen size with an unbelievably low price point.

Key features:

1. Enjoy crisp, clear views of your documents with 1600x 900 HD resolution, 5M:1 dynamic contrast ratio, and 5 ms response time.¹ Quickly and easily connect to your devices with VGA and DVI inputs.
2. Make a good impression and leave plenty of room on the desk with a design that complements HP PCs, offers customizable tilt, height adjustment, swivel, and pivot settings, and has a small footprint.
3. Reduce power consumption and help lower your costs with an intelligent, energy-efficient design that is TCO Certified, ENERGY STAR® certified and EPEAT® Gold registered.² The display also includes mercury-free display backlights.
4. Rest assured that your IT investment is supported by a three-year onsite warranty. To extend your protection, select optional HP Care Pack Services.³
 - 1 All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
 - 2 EPEAT® Gold where HP registers commercial display products. See 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.

Technical Specifications

Models:

L4C70AA - HP V203hz 19.45-inch LED Backlit Monitor

Panel	Type	19.45-inch diagonal TN w/LED backlight
	Viewable Image Area (diagonal)	49 cm (19.45 in) widescreen; diagonally measured
	Active Area (W x H)	43,2 x 23,97 cm (17.0 x 9.43 in)
	Aspect Ratio	16:9
	Viewing Angle (typical)	Up to 170° horizontal/160° vertical
	Brightness (typical)*	250 cd/m ²
	Contrast Ratio (typical)*	1000:1
	Dynamic Contrast Ratio (typical)*	5,000,000:1
	Response Rate (typical)*	5 ms (on/off)
	Pixel Pitch	0.2768 mm
	Backlight Lamp Life* (to half brightness)	40K hours
	Color Gamut*	72% (typical)
	Color Support**	Can display up to 16.7 million colors

* 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.

User Controls	Buttons or Switches	Menu, Minus ("-"), Plus ("+"), Power
	Languages	8 (English, Spanish, French, Portuguese, German, Russian, Japanese, and S-Chinese)
	On Screen Display (OSD) User Controls	Luminance, Image Setup, Color Temperature, OSD Setup, Extra
Signal Interface/ Performance	Horizontal Frequency	30 to 83 kHz
	Vertical Frequency	50 to 60 Hz
	Native Resolution	1600 x 900 @ 60 Hz
	Preset Graphic Modes (non-interlaced)	1600 x 900 @ 60 Hz
		1440 x 900 @ 60 Hz
		1280 X 1024 @ 60 Hz
1280 X 800 @ 60 Hz		
1280 X 720 @ 60 Hz		
	1024 X 768 @ 60 Hz	
	800 X 600 @ 60 Hz	
	720 X 400 @ 60 Hz	
	640 X 480 @ 60 Hz	

Technical Specifications

	Maximum Pixel Clock Speed	140 MHz		
	Anti-Glare	Yes		
Video/Other Inputs	Plug and Play	Yes		
	Input Connectors	VGA, DVI-D		
	USB	N/A		
	Video Cables Included	(1) VGA (1) DVI-D 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	20 W		
	Typical Power	17 W		
	Sleep Power	0.5 W		
	Power Cable Length	1,9 m (6.2 ft)		
	Mechanical	Dimensions (W × D × H)	Unpacked w/stand	47,82 x 24,89 x 50,21 cm (18.8 x 9.8 x 19.8 in)
Unpacked w/o stand (head only)			47,82 x 4,82 x 30,18 (18.8 x 1.9 x 11.9 in)	
Packaged			63,2 x 35,0 x 33,5 cm (24.9 x 13.8 x 13.2 in)	
Weight		Head Only	2,5 kg (5.5 lb)	
		Unpacked with stand	4,9 kg (10.8 lb)	
		Packaged	7,2 kg (18.87 lb)	
		Stand	Base is detachable (tools required), ships attached	
Ergonomic Features - Not available on head only model		Height Adjustment	Yes, 110MM	
		Tilt Range	-5° (+3-0) to + 20° (+3-0) vertical	
		Swivel	Yes, 65+/-2 (each side)	
	Pivot	Yes, -0~90		
Environmental	Temperature - Operating	5° to 35° C (41° to 95° F)		
	Temperature - Non-operating	-20° to 60° C (-4° to 140° F)		
	Humidity - Operating	15% to 90%		
	Humidity - Non-operating	5% to 90%		
	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		

Technical Specifications

Options	Arsenic-Free Display Glass	Yes
	Low Halogen⁴	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.
What's in the box?	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 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 V203hz 19.45-inch LED Backlit Monitor; VGA cable; DVI Cable, AC Power cable
Other	Documentation	Printed documentation
	Software	N/A
	User Guide Languages	English, B. Portuguese, Spanish.
	Warranty Languages	B. Portuguese.
	Color	Black
Certification and Compliance	VESA Mounting	100 mm VESA mount
	Security Lock-Ready	Yes
	Country of Origin	China
Compatibility	TCO Certified, Microsoft WHQL Certification (Windows 8.1), ENERGY STAR [®] Certified, EPEAT [®] Gold ² , CB, CSA	
Service and Warranty	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.	
	Protected by HP, including a 3-year onsite warranty. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard limited warranties. ³	

Technical Specifications

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5. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
6. EPEAT® Gold where HP registers commercial display products. See www.epeat.net for registration status in your country.
7. 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.
8. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

Change Log

Change Log	
6/10/15	Height adjustment added to page 4
11/30/15	Warranty information updated to 3-years onsite, stand info updated to “Detachable”