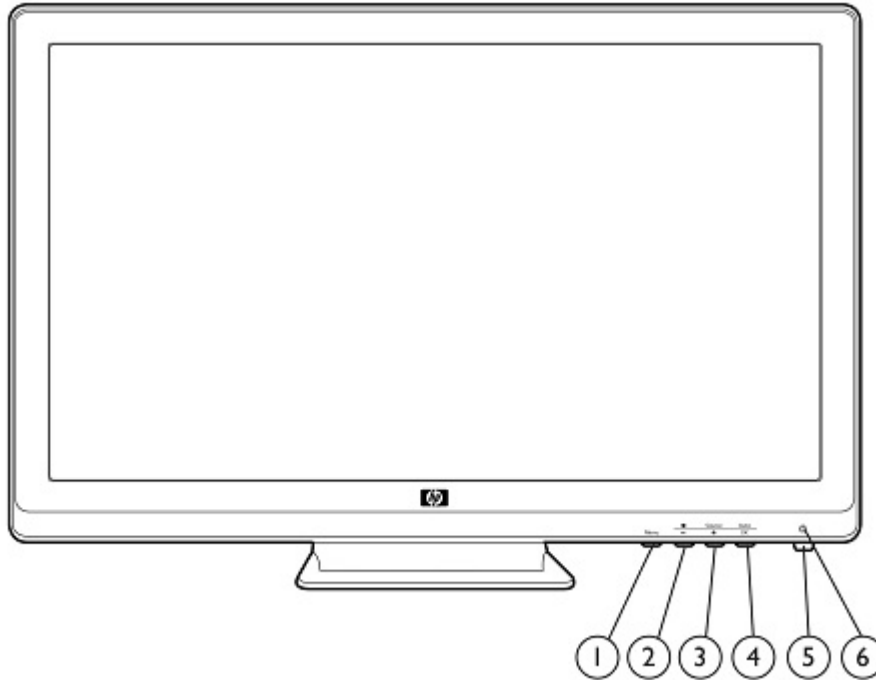


Overview



- | | | | |
|------------------------|--|---------------------|---|
| 1. Menu | Opens, selects or exits the OSD menu. | 4. Auto/OK | If the OSD menu is inactive, press to activate the auto adjustment feature to optimize the screen image. If the OSD menu is on, press to select the highlighted menu item |
| 2. Volume/Minus | If the OSD menu is inactive, press to open the Volume adjustment OSD sub-menu. If the OSD menu is on, press to navigate down through the OSD menu and decrease adjustment levels. | 5. Power | Turns the monitor on or off as long as the master power switch on the rear panel is on. |
| 3. Source/Plus | If the OSD menu is inactive, press to activate the source button that chooses the video signal input. If the OSD menu is on, press to navigate up through the OSD menu and increase adjustment levels. | 6. Power LED | AquaWhite = Fully powered.
Amber = Sleep mode.
Flashing Amber = Sleep Timer mode. |

Model
WT316AA



Technical Specifications

Panel	Type	23-inch Wide-Aspect Active Matrix TFT (thin film transistor)	
	Viewable Image Area (diagonal)	58,42 cm (23.0 in.) widescreen; diagonally measured	
	Screen Opening (W x H)	51,13 x 28,84 cm (20.1 x 11.4 in.) (bezel opening) 50,92 x 28,64 cm (20.05 x 11.28 in.) (panel active area)	
	Panel Type	TN with CCFL back-lit LCD with BrightView	
	Aspect Ratio	16:9	
	Viewing Angle (typical)	Up to 160° horizontal/160° vertical	
	Brightness (typical)*	275 nits (cd/m ²), includes loss for touch screen glass	
	Contrast Ratio (typical)*	1,000:1	
	Dynamic Contrast Ratio (typical)*	40,000:1	
	Response Time (typical)*	5 ms (on/off), 3 ms (gray to gray)	
	Pixel Pitch	0.2655 mm	
	Pixels Per Inch	95.7	
	Backlight Lamp Life (to half brightness)	50,000 hours	
	Color Gamut	72% typical	
	<i>*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</i>		
	On Screen Display (OSD) Controls	Buttons or Switches	Menu, Volume/- , Source/+ , Auto/OK , Power
Audio Controls		Yes (via OSD and Hot-Button)	
Languages		English, Spanish, French, Italian, German, Dutch, Brazilian Portuguese, Simplified Chinese, Traditional Chinese, Japanese	
User Controls		Brightness, contrast, color selection, user modes, clock, clock phase, H/V position, aspect ratio setting, sharpness, overdrive, OSD controls, management features, language selection, input selection, information and factory reset.	
Signal Interface/ Performance	Horizontal Frequency	24 to 94 kHz	
	Vertical Frequency	50 to 76 Hz	
	Native Resolution	1920 X 1080 @ 60 Hz	
	Preset VESA Graphic Modes (non-interlaced)	1920 X 1080 @ 60 Hz	
		1680 X 1050 @ 60 Hz	
		1600 X 1200 @60 Hz	
		1440 X 900 @ 60 Hz	
		1280 X 1024 @ 60 Hz	
		1280 X 960 @ 60 Hz	
		1280 X 720 Hz @ 60 Hz	
1024 X 768 @ 60 Hz			
800 X 600 @ 60 Hz			
720 X 400 @ 70 Hz			
640 X 480 @ 60 Hz			



Technical Specifications

	Text Mode	720 x 400 @ 70 Hz	
	Maximum Pixel Clock Speed	200 MHz (VGA); 170 MHz (DVI)	
	User Programmable Modes	Yes (20)	
	Anti-Glare	No	
	Anti-Static	No	
	Default Color Temperature	6500 K	
Video/Other Inputs	Plug and Play	Yes	
	Input Connectors	(1) VGA, (1) DVI-D w/HDCP	
	Input Impedance	75 Ohms (VGA); 100-Ohms differential (DVI)	
	Sync Input	TTL separate synch	
	Video Cable	One DVI-D to DVI-D	
	Video Cable Lengths	1,8 m (5.9 ft.)	
	Audio	Integrated speakers (2 watts per channel) with 3.5mm stereo mini-plug input	
	Audio Cable	3.5mm stereo mini-plug cable	
	Audio Cable Length	1,8 m (5.9 ft.)	
	Power	Input Power	90 - 265VAC, 45 - 63 Hz
Typical Power Consumption		47 W	
Maximum		56 W	
Power Saving		< 2 W	
Power Cable Length		1,9 m (6.2 ft.)	
Mechanical		Dimensions (H x W x D)	Unpacked w/stand
	Unpacked w/o stand (head only)		35,9 x 57,3 x 8,49 cm (14.1 x 22.6 x 3.34 in.)
	Packaged		26,3 x 65,0 x 45,2 cm (10.4 x 25.6 x 17.8 in.)
	Weight	Head Only	6,1 kg (13.45 lb)
		Unpacked	8,2 kg (18.0 lb)
		Packaged	11,0 kg (24,2 lb)
	Tilt Range	-5° to +55°	
	Swivel Range	No	
	Height Adjustable	No	
	Pivot Rotation	No	
Base	Attachable, ships attached.		
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	



Technical Specifications

	Altitude - Operating	0 to 5,000 m (16,404 ft)
	Altitude - Non-operating	0 to 12,192 m (40,000 ft)
Options	HP LCD Monitor Quick Release-Part number EM870AA*	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.
		<p>* 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.</p>
	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.
	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.
Other	Accessories Included	DVI-D cable, AC power cable, audio cable, USB cable* *USB is pass through from Human Interface Device (HID) to PC only, no USB hub is present.
	Software	No
	User Guide Languages	English, Danish, Dutch, Finnish, French, German, Hebrew, Italian, Norwegian, Spanish, Swedish, Czech, Greek, Polish, Russian, Slovak Turkish, Arabic, Portuguese (Brazilian), Portuguese (Portugal), Bahasa Indonesia, S. Chinese, T. Chinese, Korean, Japanese
	Warranty Languages	English, German, French, Danish, Norwegian, Swedish, Turkish, Arabic, Dutch, Finnish
	Color	Black
	VESA External Mounting	Yes (one set of standard 4-hole pattern, 100 mm). Use of the top VESA 4-hole pattern will allow the user to set monitor head lower to the desk surface.
	Security Lock-Ready	Yes
Certification and Compliance		CE, ETL, FCC, C-Tick, VCCI, BSMI, CB, TUV-BAUART, TUV-S, ISO9241-307, CCC, CEL, CSC, Microsoft® Windows® XP, Windows Vista®, Windows® 7
Compatibility		Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.
Service and Warranty		Protected by HP, including a 1 year parts and 1 year labor (1/1/0) standard limited warranty. Certain restrictions and exclusions apply.** ** HP Care Pack Services extend service contracts beyond the standard warranties. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts from date of hardware purchase. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/lookuptool . Additional HP Care Pack Services information by product is available at: http://www.hp.com/hps/carepack .



Technical Specifications

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