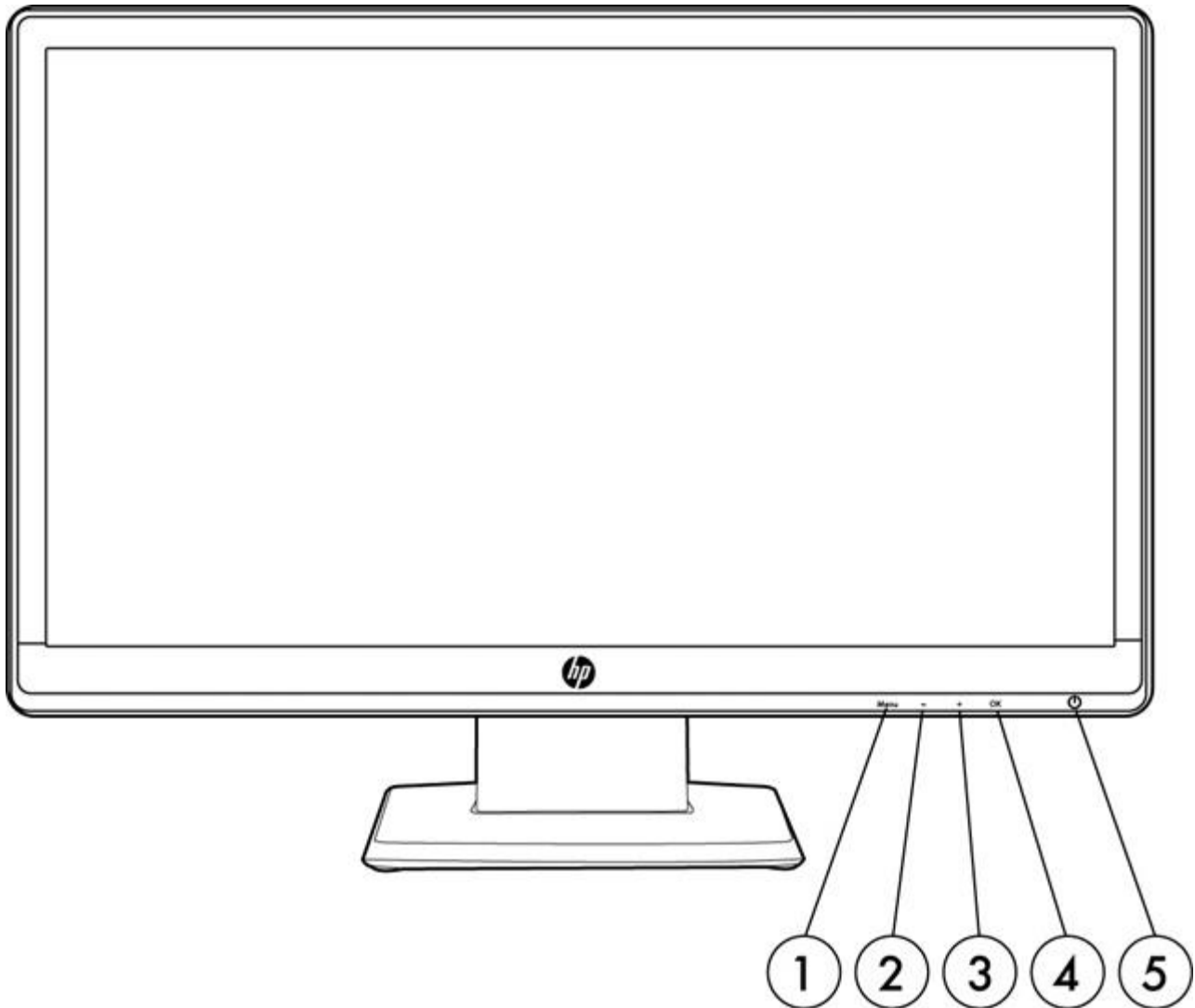


Technical Specifications

HP LV2311 23-inch LED Backlit Monitor



- | | | | |
|-----------------|--|-------------------|---|
| 1. Menu | Opens, selects or exits the OSD menu. | 4. OK/auto | If the OSD menu is on, press to select the highlighted menu item.
If the OSD menu is inactive, press to activate the auto adjustment feature to optimize the screen image. |
| 2. Minus | If the OSD menu is on, press to navigate backward through the OSD menu and decrease adjustment levels. | 5. Power | Turns the monitor on or off.
Blue = Fully powered.
Amber = Sleep mode.
Flashing Amber = Sleep Timer mode. |
| 3. Plus | If the OSD menu is on, press to navigate forward through the OSD menu and increase adjustment levels. | | |

Models

A6885AA - Available August 2015

Technical Specifications

Panel	Type	TN (Twisted Nematic) LED Backlighting	
	Viewable Image Area (diagonal)	58,42 cm (23 in.) widescreen; diagonally measured	
	Active Area (W x H)	509,76 mm x 286,74 mm , (20.07 x11.29 in.)	
	Aspect Ratio	16:9	
	Viewing Angle (typical)*	Up to 170° horizontal/160° vertical (10:1 minimum contrast ratio)	
	Brightness (typical)*	250 nits (cd/m ²)	
	Contrast Ratio (typical)*	1000:1	
	Dynamic Contrast Ratio (typical)*	3,000,000:1	
	Response Rate (typical)*	5 ms (on/off)	
	Pixel Pitch	0.265 mm	
	Backlight Lamp Life (to half brightness)*	30,000 hours(min)	
	Color Gamut (typical)*	72%	
	Color Support**	16.7 M	
	*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) Controls	Buttons or Switches	Power (on/off), 4-button OSD (Menu, Plus, Minus, OK)	
	Languages	English, German, French, Spanish, Italian, Dutch, Simplified Chinese, Traditional Chinese, Japanese, Portuguese	
	User Controls	Brightness, Contrast, Image Control, Color, OSD Control, Management, Language, Information, Factory Reset, Source Control, Exit	
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
			1440 x 900 @ 60Hz
			1280 x 1024 @ 60Hz
			1280 x 720 @ 60Hz
			1024 x 768 @ 60Hz
			800 x 600 @ 60Hz
		720 x 400 @ 70Hz	
		640 x 480 @ 60Hz	
	Text Mode	720 x 400 @ 70 Hz	
Maximum Pixel Clock Speed	VGA 200MHz/DVI 170 MHz		
User Programmable Modes	Yes (10)		
Anti-Glare	Yes		
Default Color Temperature	6500 K		
Video/Other Inputs	Plug and Play	Yes	

Technical Specifications

	Input Connectors	(1) (1) VGA (analog), (2) DVI-D w/HDCP
	Input Impedance	75 Ohms
	Sync Input	TTL separate synch
	Video Cable	VGA
	Video Cable Lengths	1,8 m (5.9 ft.)
	Audio	No
Power	Input Power	90 – 265 VAC, 45 or 63 Hz
	Typical Power Consumption	27 W
	Maximum	31 W
	Power Saving	< 0.5 W
	Power Cable Length	1,9 m (6.2 ft.)
Mechanical	Dimensions (W x D x H)	Unpacked w/ stand 55,45 x 18,52 x 39,62 cm (21.83 x 7.29 x 15.6 in.)
		Unpacked w/o stand 55,45 x 5,1 x 34 cm (21.83 x 2 x 13.39 in.)
		Packaged 61,1 x 42,2 x 11,5 cm (24.1 x 16.61 x 4.53 in.)
		Base area (footprint) 20 x 18.52 cm (7.87 x 7.29 in.)
	Weight	Head only 3,1 kg (6.83 lb.)
		Unpacked 3,4 kg (7.5 lb.)
		Packaged 5,43 kg (11.97 lb.)
	Tilt Range	-5° to +19°
	Swivel Range	No
	Height Adjustable	No
	Pivot Rotation	No
	Base	Detachable, 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
	Altitude – Operating	0 to 5,000 m (16,404 ft)
	Altitude – Non-operating	0 to 12,192 m (0 to 40,000 ft)
	LED Backlights	Yes
	CCFL Panel	No
	Arsenic-Free Display Glass	Yes
	Low Halogen	No
	Mercury-Free Display Backlighting	Yes
Options (sold separately)	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.

Technical Specifications

	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.
	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, 50 degrees of tilt, and 360 degrees of pan and rotation - all at your fingertips -- helping you stay comfortable and productive throughout the day.
Other	Accessories Included	VGA cable and AC Power cable
	User Guide Languages	English, French, Brazilian, Spanish, S. Chinese, T. Chinese, Basaha Indonesia, Japanese, Korean, Arabic, Czech, Danish, Dutch, Finnish, German, Greek, Hebrew, Hungarian, Italian, Kazakh, Norwegian, Polish, Portuguese, Russian, Slovak, Slovenian, Swedish, Turkish
	Warranty Languages	English, French, Brazilian, Spanish, S. Chinese, T. Chinese, Basaha Indonesia, Japanese, Korean, Arabic, Czech, Danish, Dutch, Finnish, German, Greek, Hebrew, Hungarian, Italian, Kazakh, Norwegian, Polish, Portuguese, Russian, Slovak, Slovenian, Swedish, Turkish
	Color	Black
	VESA External Mounting	Yes (one set of standard 4-hole pattern, 75 mm).
	Security Lock-Ready	Yes
Certification and Compliance		Microsoft WHQL, CB, CE, TUV-GS, ISO 9241-307, CSA, FCC, NOM, TUV-S, VCCI, KC/KCC, PSB, ISC, CCC, BSMI, C-TICK, CCC, CECP, CEL, E-standby, ANZ MEPS
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. Optional Care Pack Services are extended service contracts which go beyond your standard warranties.1

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1 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>.

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

All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.