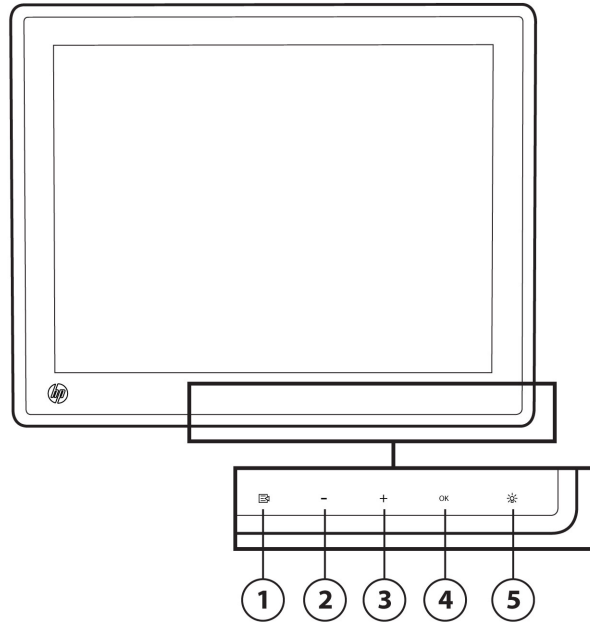


Overview



NOTE: To activate the OSD menu, touch the lower front bezel to the left of the power icon. The OSD icons will become illuminated and the OSD functions become active. The OSD icons will extinguish upon exit from the OSD or OSD timeout.

- | | | | | | |
|----|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Menu | Opens the On-Screen Display (OSD) main menu. | 4. | OK | If the OSD menu is on, tap to select a menu item. If the OSD menu is inactive and the icons are illuminated, tap to activate the auto adjustment feature to optimize the screen image. |
| 2. | - Minus | If the OSD menu is on, tap to navigate backward through the OSD menu and decrease adjustment levels. If the OSD menu is inactive and the icons are illuminated, tap to open the OSD volume control menu and adjust the volume level. | 5. | Power LED | Green = Fully powered.
Amber = Sleep mode.
Flashing Amber = Sleep Timer mode.
Off = Power is off or the LED has been suppressed in the OSD |
| 3. | + Plus | If the OSD menu is on, tap to navigate forward through the OSD menu and increase adjustment levels. If the OSD menu is inactive and the icons are illuminated, tap to activate the Source button that chooses the video signal input. | | | |

Stand is not included and is sold separately.

Overview

Model

HP L6010 10.4-inch Retail Monitor

A1X76AA

Introduction

The HP L6010 Monitor is a sleek, stylish and compact, head-only display specifically designed to be used with the HP Retail Point of Sale systems. The small size and industry standard VESA mount capability make it an ideal secondary customer-facing display for sharing engaging video and graphical content or as an operator display in space-constrained environments. DisplayPort, DVI-D, and VGA video inputs provide the highest degree of connection flexibility.

Key Benefits

- Industrial design to help protect the monitor in the most demanding retail and hospitality environments
- Compact space saving design to best fit your environment
- Industry-standard, 75mm VESA patterns enable flexible mounting in a variety of retail settings
- Flush-glass design provides an easy-to-clean surface
- Designed to work with HP Retail Point of Sale systems to deliver a complete retail solution
- Optional dual height adjustable stand (sold separately) provides two height settings and viewing angle flexibility that allows the display to be customized for your exact countertop work space

Technical Specifications

Panel	Type	10.4-inch TN (Twisted Nematic) LED Backlit LCD
	Viewable Image Area (diagonal)	26.4 cm (10.4 in)
	Aspect Ratio	4:3
	Viewing Angle (typ)*	176 degrees horizontal/176 degrees vertical (10:1 minimum contrast ratio)
	Response Rate	25 ms (typical)
	Brightness (typ)*	300 nits (cd/m ²)
	Contrast Ratio (typ)*	1000:1
	Pixel Pitch	0.206 mm
	Color Gamut	57%
<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, Minus, Plus, OK, Power
	Languages	English, French, German, Italian, Dutch, Spanish, Japanese, Portuguese, Traditional Chinese, and Simplified Chinese.
	User Controls	Brightness Contrast Color Temperature Image Control OSD Control Management Language Information Factory Reset Source Control Exit
Signal Interface/ Performance	Horizontal Frequency	24 to 83 kHz
	Vertical Frequency	50 to 76 Hz
	Graphics Controller	VESA standard timings/formats supported
	Native Resolution	1024 x 768 @ 60 Hz (recommended)
	Preset VESA Graphic Modes (non-interlaced)	1024 x 768 @ 60 Hz 800 x 600 @ 60 Hz 720 x 400 @ 70 Hz 640 x 480 @ 60 Hz
	Maximum Pixel Clock Speed	140 MHz
	User Programmable Modes	Yes, 10
	Anti-Glare	Yes
	Anti-Static	Yes
	Default Color Temperature	Standard (6500K)

Technical Specifications

Video/Other Inputs	Plug and Play	Yes	
	Input Signal	(1) VGA; (1) DisplayPort and (1) DVI-D NOTE: HDCP supported on digital inputs.	
	Input Impedance	75 ohms (2 % value change allowed)	
	Sync Input	TTL separate synch	
	Video Cables	(1) VGA; (1) DisplayPort and (1) DVI-D included	
	Video Cable Length	1,8 m (5.9 ft.)	
	USB 2.0	(1) USB 2.0 downstream; (1) USB upstream; (1) USB cable included	
	USB Cable Length	1,8 m (5.9 ft.)	
Audio	Speakers and I/O	(2) 1W/channel built-in speakers (rear firing); (1) Audio-in; (1) audio cable included	
	Audio Cable Length	1,8 m (5.9 ft.)	
Power	Input Voltage	90 to 264 VAC	
	Frequency	50/60 Hz	
	Typical Power Consumption	11 W	
	Maximum	18 W	
	Sleep	1 W	
	Off	0.5 W	
	Power Cable Length	1,9 m (6.2 ft.); detachable	
	Mechanical	Dimensions (W x D x H)	Unpacked w/stand
Display Head only			25,4 x 4,1 x 20,8 cm (10 x 1.6 x 8.2 in)
Packaged			36,2 x 15,6 x 28 cm (14.3 x 6.1 x 11 in)
Weight		Unpacked	1,2 kg (2.6 lb)
		Unpacked (with stand – sold separately)	2,2 kg (4.8 lb)
		Packaged	4 kg (8.8 lb)
Environmental	Temperature – Operating	5° to 40° C (41° to 104° F) non-condensing	
	Temperature – Non-operating	-20° to 60° C (-4° to 140° F) non-condensing	
	Humidity – Operating	20% to 80% non-condensing	
	Humidity – Non-operating	5 % to 95 % non-condensing	
	Altitude – Operating	0 to 5000 m (0 to 16400 ft)	
	Altitude – Non-operating	0 to 12192 m (0 to 40000 ft)	
	White LED Backlights	Yes	
	CCFL Panel	No	
	Arsenic-Free Display Glass	Yes	

Technical Specifications

	Low Halogen¹	Yes (everything except external cables)		
	Mercury-Free Display Backlighting	No		
Environmental Data	Eco-Label Certifications & declarations	This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks: <ul style="list-style-type: none"> ● IT ECO declaration ● US ENERGY STAR ● EPEAT® Gold where HP registers commercial display products. See http://www.epeat.net for registration status in your country US Federal Energy Management Program (FEMP) 		
	Energy Consumption (in accordance with US Energy Star test method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
	Normal Operation	7.19 W	7.19 W	7.16 W
	Sleep	0.49 W	0.5 W	0.5 W
	Off	0.34 W	0.34 W	0.33 W
	Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
	Normal Operation	25 BTU/hr	25 BTU/hr	24 BTU/hr
	Sleep	2 BTU/hr	2 BTU/hr	2 BTU/hr
	Off	1 BTU/hr	1 BTU/hr	1 BTU/hr
		*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.		
	Additional Information	<ul style="list-style-type: none"> ● This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2002/95/EC. ● This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive - 2002/96/EC. ● This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986). ● This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see www.epeat.net ● Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043. ● This product contains 15.7% post-consumer recycled plastic (by wt.) ● This product is 93.8% recycle-able when properly disposed of at end of life. 		
	Packaging Materials	External:	PAPER/Cardboard & misc	1100 g
		Internal:	PLASTIC/Polyethylene low density	12 g
	RoHS Compliance	Hewlett-Packard is committed to compliance with all applicable environmental laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) Directive. HP's goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. By July 1, 2006, RoHS substances will be virtually eliminated (virtually = to levels below		

Technical Specifications

Material Usage

legal limits) for all HP electronic products subject to the RoHS Directive, except where it is widely recognized that there is no technically feasible alternative (as indicated by an exemption under the EU RoHS Directive).

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html):

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants - may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel - finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) - except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

Packaging

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: <http://www.hp.com/go/reuse-recycle> or contact your nearest HP sales office.

Technical Specifications

Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/recyclers>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

For more information about HP's commitment to the environment:

Hewlett-Packard Corporate Environmental Information

Global Citizenship Report

<http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html>

Eco-label certifications

<http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html>

ISO 14001 certificates:

<http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html>

What's in the box?	Monitor and accessories	HP L6010 10.4-inch Retail Monitor; VGA cable; DisplayPort cable; DVI-D cables, USB cable; Audio cable; Power cord; Adapter
	Documentation	Printed documentation and CD
	Featured Software	None
Other	User Guide Languages	English, French, German, Italian, Dutch, Spanish, Japanese, Portuguese, T. Chinese, S. Chinese.
	Warranty Languages	English, French, German, Italian, Dutch, Spanish, Japanese, Portuguese, T. Chinese, S. Chinese.
	Color	HP Jack Black
	VESA External Mounting	Yes (Standard 4 hole pattern, 75 mm)
	Kensington Lock-ready	Yes
Certification and Compliance		UL Listed, CSA for Canada and US, FCC approval, ICES, BSMI for Taiwan, CCC/CECP/SEPA/CEL for China, C-Tick for Australia, S-Mark for Argentina, CB, CE approval, VCCI, ENERGY STAR®
Operating System Support		Microsoft Windows 7 32-bit Professional Microsoft Windows 7 64-bit Professional Microsoft Windows Embedded for Point of Service Microsoft Windows Embedded POSReady Microsoft Windows Vista Business 32 Edition Microsoft Windows XP Professional
Compatibility		Compatible with platforms using the VESA standard video modes.
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.2
Additional Options (sold separately)	HP Dual Position L6010 Stand (A1X79AA)	The dual position stand supports the 10.4" monitor (L6010) <ul style="list-style-type: none"> ● Ruggedized, small footprint maximizes counter space for employees and customers ● Allows the monitor to be set on a counter for customer facing usage ● The two height positions and tilt adjustments help you customize

Technical Specifications

positioning to best meet your environment's needs

Stand Specifications	Tilt Range	-5 to +35 degrees	
	Swivel Range	No	
	Height Adjustable	Yes, two position (height differential of 69 mm)	
	Pivot Rotation	No	
	Base and Stand	Undetachable	
	Dimensions (W x D x H)	19,3 x 16,79 x 22,5 cm (7.59 x 6.6 x 8.86 in)	
	Weight	Unpacked	1 kg (2.25 lb)
		Packaged	1,7 kg (3.75 lb)
	Color	HP Jack Black	

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¹ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

² 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>.

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