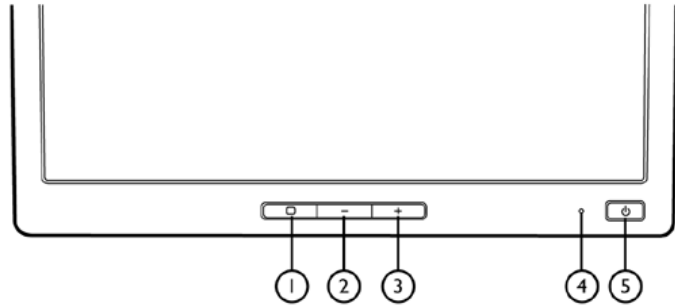
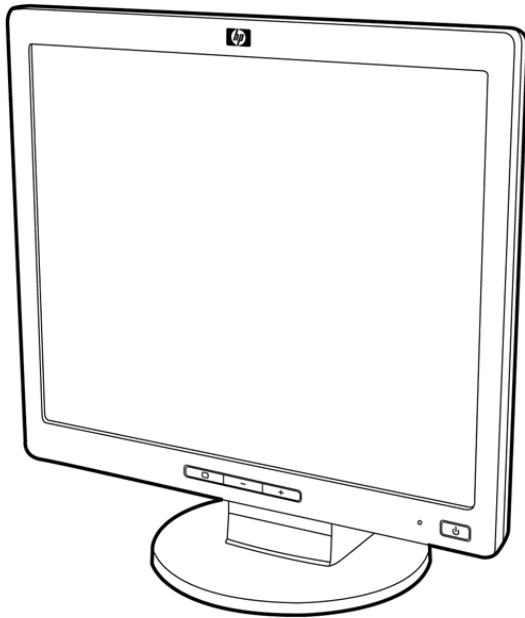


Overview



1. Button 1: Menu selection
2. Button 2: Menu "-" selector button
3. Button 3: Menu "+" selector button
4. Button 4: Power LED
5. Button 5: Power button

Models

PX848AA

Technical Specifications

Panel	Type	15-inch Active Matrix TFT (thin film transistor)
	Viewable Image Area (diagonal)	15 in (38.1 cm)
	Screen Opening (W x H)	12.0 x 9.0 in (30.6 x 23.0 cm)
	Viewing Angle (typical)*	130 degrees horizontal/100 degrees vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	250 nits (cd/m ²)
	Contrast Ratio (typical)*	450:1
	Response Rate	8 ms (rise and fall)
	Pixel Pitch	0.297 mm
	Backlight Lamp Life (to half brightness)	40K hours
* All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.		
On Screen Display (OSD) Controls	Buttons or Switches	3-button OSD (menu, minus, plus); power on/off
	Languages	English, French, German, Spanish, Italian, Dutch, Simplified Chinese
	User Controls	Image Control (auto, horizontal, vertical)
		Positioning (vertical and horizontal)
		Color Temperature (6500k, 9300k, Custom)
		Brightness
		Contrast
Clock, Clock Phase		
Monitor Management (power saver, sleep)		
Factory Reset		
Signal Interface/ Performance	Horizontal Frequency	30 to 61 kHz
	Vertical Frequency	56 to 76 Hz
	Graphics Controller	Genesis, MStar
	Native Resolution	1024 x 768 @ 60 Hz (recommended)
	Maximum Resolution (Digital)	N/A
	Preset VESA Graphic Modes (non-interlaced)	1024 x 768 @ 60 Hz, 70 Hz, and 75 Hz
		832 x 624 @ 75 Hz (Mac)
		800 x 600 @ 60 Hz, 72 Hz, and 75 Hz
		720 x 400 @ 70 Hz
		640 x 480 @ 60 Hz, 72 Hz, and 75 Hz
	Maximum Pixel Clock Speed	80 MHz
User Programmable Modes	Yes, 10	
Anti-Glare	Yes	
Anti-Static	Yes	

Technical Specifications

	Default Color Temperature	6500 degrees Kelvin		
Video Input	Plug and Play	Yes		
	Input Signal	15 pin D-sub (Analog VGA)		
	Input Impedance	75 ohms (2 % value change allowed)		
	Sync Input	TTL separate synch		
	Video Cable	Detachable 15-pin D-sub mini connector		
	Video Cable Length	70.8 in (1.8 m)		
Power	Input Power	100 ~ 240 VAC		
	Nominal Current	< 0.50 Ampere		
	Frequency	50 ~ 60 Hz		
	Typical Power Consumption	21 watts		
	Maximum	< 23 watts		
	Power Saving	< 2 watts		
	Power Cable Length	74.8 in (1.9 m); detachable		
Mechanical	Dimensions (H x W x D)	Unpacked with stand	13.9 x 13.4 x 7.9 in (35.5 x 34.0 x 20.3 cm)	
		Display Head only	11.4 x 13.4 x 2.4 in (29.0 x 34.0 x 6.0 cm)	
		Packaged	15.6 x 15.6 x 5.9 in (39.5 x 39.5 x 15.0 cm)	
	Weight	Unpacked	7.05 lb (3.2 kg)	
		Packaged	9.92 lb (4.5 kg)	
	Tilt Range	-5 to +30 degrees vertical tilt		
	Swivel Range	None		
	Height Adjustable	No		
	Pivot Rotation	No		
	Base and Stand	Detachable		
Environmental	Temperature – Operating	50° to 95° F (10° to 35° C) non-condensing		
	Temperature – Non-operating	-4° to 140° F (-20° to 60° C)		
	Humidity – Operating	20% to 80% non-condensing		
	Humidity – Non-operating	5% to 90%		
	Altitude – Operating	0 to 12,000 ft (0 to 3,658 m)		
	Altitude – Non-operating	0 to 40,000 ft (0 to 12,100 m)		
Environmental Data	Eco-Label Certifications and 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"> ● ENERGY STAR® ● IT ECO declaration ● TCO 03 ● GEEA 		
	Energy Consumption	AC Input Voltage at	AC Input Voltage at	AC Input Voltage at

Technical Specifications

(in accordance with US ENERGY STAR test method)	100 VAC +/- 5 VAC, 50 Hz +/- 3 Hz	115 VAC +/- 5 VAC, 60 Hz +/- 3 Hz	230 VAC +/- 5 VAC, 50 Hz +/- 3 Hz
Normal Operation	16.5 watts	16.6 watts	16.3 watts
Sleep	1.53 watts	1.34 watts	1.40 watts
Off	0.64 watts	0.44 watts	0.46 watts
Heat Dissipation*	100 VAC, 50 Hz	115 VAC, 60 Hz	230 VAC, 50 Hz
Normal Operation	56.43 BTU/hr	56.78 BTU/hr	55.75 BTU/hr
Sleep	5.23 BTU/hr	4.58 BTU/hr	4.79 BTU/hr
Off	2.18 BTU/hr	1.27 BTU/hr	1.57 BTU/hr

*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

Ergonomics The monitor meets the ergonomic requirement of EN-ISO 13406-2 for flat panel displays.

Additional Information 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.

Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.

Display meets the requirement for low frequency electromagnetic fields per TCO and prEN50279 A/B/C.

Packaging Materials

- Corrugated Carton – 0.550 kg
- Bag LDPE – 0.025 kg
- Film PP – 0.150 kg

Material Usage 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 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

Technical Specifications

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: www.hp.com/recycle or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

Hewlett-Packard Corporate Environmental Information

For more information about HP's commitment to the environment: Global Citizenship Report
www.hp.com/hpinfo/globalcitizenship/gcreport/index.html
Eco-label certifications
www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html
ISO 14001 certificates:
www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html

Options

HP LCD Speaker Bar – Part number: EE418AA

Powered directly by the monitor or PC, the Speaker Bar seamlessly attaches to the monitor's lower bezel to bring full audio support to select HP flat panel monitors. Features include dual speakers with full sound range and an external jack for headphones. Sold separately. For more information, refer to the product's QuickSpec.

Technical Specifications

HP Compaq 7000 Series Ultra-slim Desktop Integrated Work Center Stand – Part number: DL641B	Allows mounting of a 15-, 17- or 19-inch HP flat panel monitor and an HP Compaq dc7700 Ultra-slim Desktop PC on a single stand for the convenience of an "all-in-one" form factor. Sold separately. For more information, refer to this product's QuickSpec document.
HP LCD Monitor Quick Release – Part number EM870AA*	An easy-to-use, VESA-compliant, flat panel monitor mounting solution that allows you to quickly and securely attach a flat panel monitor to a variety of stands, brackets, arms or wall mounts. See product QuickSpecs for available mounting configurations.

* The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) depending upon the mounting configuration used. Please note this is a total weight limit for all devices mounted, i.e. the combined weight of the monitor and a second device such as an HP Thin Client cannot exceed 24 pounds. 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.

Other	Accessories Included	Detachable VGA cable, detachable AC power cord, documentation kit, and user CD.	
	Software	HP Display LiteSaver feature allows you to schedule Sleep mode at preset times to help protect the monitor against image retention, drastically lower power consumption and energy costs, and extend the lifespan of the monitor.	
		HP Display Assistant is a software utility that allows monitor adjustment and color calibration using the Display Data Channel Command Interface (DDC/CI) protocol of the connected PC.	
	User Guide Languages	English, Brazilian Portuguese, French, LA Spanish, Korean, Simplified Chinese, Traditional Chinese, Japanese, Danish, Dutch, Finnish, German, Italian, Norwegian, Swedish, Greek, Polish, Russian, Slovenian, Turkish	
Warranty Languages	Americas	English, Canadian French	
	LA	Spanish, Brazilian Portuguese	
	EMEA	English, Danish, Dutch, Finnish, European French, German, Italian, Norwegian, Castilian Spanish, Swedish	
	Asia/Pacific	English, Bahasa, S. Chinese, T. Chinese, Korean, Japanese, Chinese	
Color	Carbonite		
VESA External Mounting	Yes (Standard 4 hole pattern, 100 mm)		
Kensington Lock-ready	Yes		
Certification and Compliance	ISO 13406-2 pixel defect guidelines, CISPR, VCCI, CSA (Canada), ACA (Australia), TUV and GS Mark (German ergonomic), BSMI (Taiwan), CCC (China), MIC (South Korea), NOM (Mexico), Eastern European approvals, CE Marking, FCC approval, ENERGY STAR® qualified, TCO '03 (emissions, ergonomics, environment), Microsoft® Windows® certified (Microsoft® Windows® 2000, Microsoft Windows XP, and Windows Vista®), UL listed, GOST (Russia), SASO (Saudi Arabia)		
Compatibility	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.		

Technical Specifications

Service and Warranty Three years parts, labor, and on-site service. 24-hour, 90-day, toll-free technical support. Replacement options may include second business day on-site service, or next business day direct replacement, at HP's sole discretion.* With direct replacement, HP will ship a replacement display product directly to you. Using the prepaid shipping labels provided, return your failed display to HP in the same packaging as the replacement. Certain restrictions and exclusions apply. For details see your product warranty or contact HP Customer Support.

* Service levels and response times for HP Care Packs may vary depending on your geographic location. Restrictions and limitations apply. For details, visit www.hp.com/go/carepack.

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