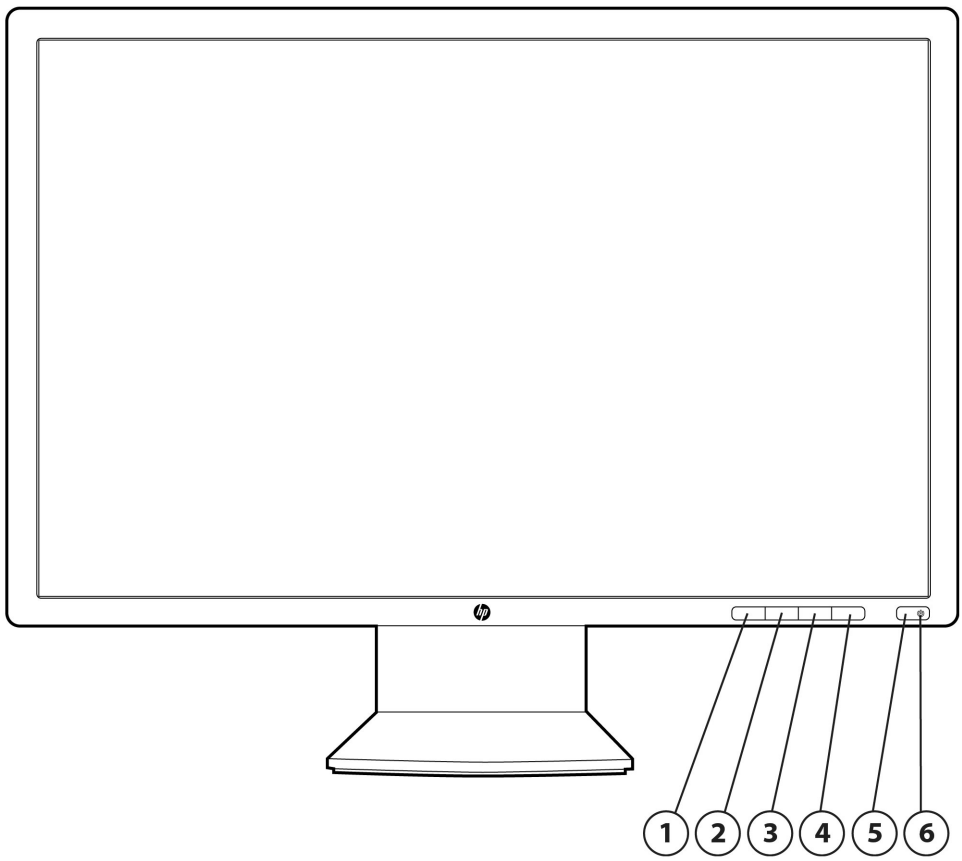
Overview



1. **Menu**: Opens, selects or exits the OSD menu.
2. **"-"**: If the OSD menu is on, press to navigate backward through the OSD menu and decrease adjustment levels.
3. **"+"/Input**: Select input source. If the OSD menu is on, press to navigate forward through the OSD menu and increase adjustment levels.
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.
5. **Power LED**: fully powered = green; sleep mode = amber; sleep timer mode = flashing amber.
6. **Power**: Turns the monitor on or off.

Overview



(Multi-monitor support depends on your PC capability. Monitors and stands are sold separately.)

Use two HP EliteDisplay E241i monitors with an HP Adjustable Dual Display Stand (AW664AA) for a small footprint, high productivity work solution.

Part number

F0W81AA

Introduction

The HP EliteDisplay E241i is a professional business monitor with advanced connectivity, outstanding ergonomic adjustability and energy efficient designs for crucial business functionality that delivers solid performance, a massive 24-inch diagonal screenwith extra-wide viewing angles, and extraordinary comfort.

Key Benefits

- Enjoy quality front-of-screen performance and massive screen space for all of your daily tasks with with the 24-inch diagonal 16:10 aspect ratios screen and 1920 x 1200 resolution with 178-degree viewing angles and stunning color integrity from In-Plane Switching (IPS) technology that lets you share your screen with everyone in the room.
- Quickly and easily connect to your media and devices with DisplayPort, DVI, and VGA video inputs and a convenient integrated two-port USB hub.
- Customizable tilt, height adjustment, swivel, and pivot settings-the most adjustability available on an HP business display-help you find your sweet spot.
- Create a whole world view with a monitor for every task. With multiple monitors, you can design a workspace that puts everything you need front and center on the desk.
- Reduce power consumption and help lower your costs with an intelligent, energy-efficient design that is ENERGY STAR® and TCO qualified and EPEAT® Gold registered.
- Rest assured that your IT investment is supported by a three-year standard limited warranty. To extend your protection beyond the standard warranties, select optional HP Care Pack Services.

Technical Specifications

Panel	**Type**	IPS w/LED backlight
	Viewable Image Area	**61 cm** (24 in) widescreen; diagonally measured
	Screen Opening (W x H)	**51,84 x 32,4 cm** (20.4 x 12.7 in)
	Aspect Ratio	16:10
	Viewing Angle (typical)	Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	250 nits (cd/m^2)
	Contrast Ratio (typical)*	1000:1
	Dynamic Contrast Ratio (typical)*	5,000,000:1
	Response Time (typical)*	8 ms (gray to gray)
	Pixel Pitch	0.270 mm
	Backlight Lamp Life (to half brightness)	30K hours minimum
	Color Gamut (typical)*	72% (typical)
	Color Support**	Can display up to 16.7 million colors
	*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**	Menu, Minus ("-"), Plus ("+") /Input Control, OK/Auto, Power
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	User Controls	Brightness, Contrast, Color, Image Control, OSD control, Management, Language, Information, Factory Reset, Input Control
Signal Interface/ Performance	**Horizontal Frequency**	31 to 80 kHz
	Vertical Frequency	50 to 60 Hz
	Native Resolution	1920 x 1200 @ 60 Hz (Full HD+)
	Preset VESA Graphic Modes (non-interlaced)	1920 x 1200 @ 60 Hz 1920 x 1080 @ 60 Hz 1680 x 1050 @ 60 Hz 1600 x 1200 @ 60 Hz 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 640 x 480 @ 60 Hz
	Maximum Pixel Clock Speed	170 MHz

Technical Specifications

	User Programmable Modes	Yes, 13	
	Anti-Glare	Yes	
	Default Color Temperature	6500 K	
Video/Other Inputs	**Plug and Play**	Yes	
	USB 2.0	3 USB 2.0 (one upstream, two downstream)	
	Input Signal	VGA, DVI-D, and DisplayPort 1.2 connectors; HDCP support	
	Video Cables	(1) DVI-D , (1) VGA, (1) DisplayPort* *Available in select regions only.	
	Video Cable Lengths	1,8 m (5.9 ft)	
	USB Cable	(1) USB	
	USB Cable Length	1,8 m (5.9 ft)	
Power	**Input Power**	Auto-Sensing, 90 to 265 VAC	
	Frequency	45 to 63 Hz	
	Typical Power Consumption	35 W	
	Maximum	40 W	
	Power Saving	< 0.5 W standby; <0.5 W off	
	Power Cable Length	**1,9 m** (6.2 ft)	
Mechanical	**Dimensions** (W x D x H)	**Unpacked w/stand**	**55,6 x 27,62 x 51,65 cm** (21.89 x 10.9 x 20.34 in)
		Unpacked w/o stand (head only)	**55,6 x 5,5 x 36,26 cm** (21.89 x 2.17 x 17.28 in)
		Packaged	**46,4 x 19 x 56,5 cm** (18.26 x 7.39 x 22.24 in)
	Weight	**Head Only**	**4,11 kg** (9.4 lb)
		Unpacked	**6,58 kg** (14.5 lb)
		Packaged	**7,76 kg** (17.09 lb)
		*Available in select regions only.	
	Tilt Range	-5° to +30° vertical	
	Swivel Range	-180° to + 180°	
	Height Adjustable	Yes, up to **150 mm** (5.9 in)	
	Pivot Rotation	Yes, 90° to portrait	
	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	25% to 85% non-condensing	
	Humidity - Non-operating	5% to 95%, 38.7° C max wet-bulb	
	Altitude - Operating	**0 to 5,000 m** (0 to 16, 404 ft)	

Technical Specifications

	Altitude - Non-operating	**0 to 12,192 m** (0 to 40,000 ft)
	White LED Backlights	Yes
	CCFL Panel	No
	Arsenic-Free Display Glass	Yes
	Low Halogen[4]	Yes, except external cables
	Mercury-Free Display Backlighting	Yes

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:

- IT ECO declaration
- US ENERGY STAR®
- TCO 6.0
- EPEAT® Gold registered in the United States. See http://www.epeat.net for registration status in your country

Energy Consumption (in accordance with US ENERGY STAR® test method)

	115VAC, 60Hz	**230VAC, 50Hz**	**100VAC, 60Hz**
Normal Operation	19.20 W	19.60 W	19.10 W
Sleep	0.23 W	0.29 W	0.22 W
Off	0.20 W	0.27 W	0.20 W

Heat Dissipation*	**115VAC, 60 Hz**	**230VAC, 50 Hz**	**100VAC, 60 Hz**
Normal Operation	66 BTU/hr	67 BTU/hr	65 BTU/hr
Sleep	1 BTU/hr	1 BTU/hr	1 BTU/hr
Off	1 BTU/hr	1 BTU/hr	1 BTU/hr

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

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.
- 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 18.2 % post-consumer recycled plastic (by wt.)
- This product is 98.6 % recycle-able when properly disposed of at end of life.

Technical Specifications

Packaging Materials	**External:**	PAPER/Corrugated	904.6 g
	Internal:	PLASTIC/EPS (Expanded Polystyrene)	430 g
		PLASTIC/Polystyrene High Impact	34.3 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 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).

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: http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/gse.pdf):

- 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. 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.

Hewlett-Packard Corporate Environmental Information

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

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

Options (sold separately)

HP LCD Monitor Quick Release – Part number EM870AA[1]	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 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.
HP Integrated Work Center Stand for Small Form Factors v3 - Part number F2P06AA[5]	Maximize your available work space with the stylish and innovative HP Integrated Work Center for Small Form Factors v3 (HP IWC SFF v3), designed to match the newest HP PC designs. Create a customized "all-in-one" solution by combining an HP Small Form Factor (SFF) Business Desktop PC or Workstation with an LED monitor up to 24 diagonal inches.
HP Integrated Work Center Stand - USDT / Thin Clients - Part numbers E8H16AA/AT (black and meteorite), LH526AA/AT (black and	HP Integrated Work Center Stand - USDT / Thin Clients - The HP Integrated Work Center Stand is designed to help maximize the use of limited desk space without compromising performance or productivity by accommodating an HP Ultra-slim Desktop PC or an HP Thin Client, and most HP 17 to 24-inch1 diagonal LCD monitors, with VESA standard mounting brackets.

Technical Specifications

	silver).[6]	
	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 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.
What's in the box?	**Monitor and Accessories**	Monitor; VGA cable; DVI cable (only in Asia-Pacific); USB cable; DisplayPort cable (not in Asia-Pacific except for Australia and New Zealand); AC Power cable
	Documentation	Printed documentation and CD (includes User Guide, warranty, drivers)
	Software	HP Display Assistant is a software utility that enables theft deterrence and allows monitor adjustment, color calibration, and security/asset management using the Display Data Channel Command Interface (DDC/CI) protocol of the connected PC.
Other	**User Guide Languages**	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
	Warranty Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
	Bezel Color	Meteorite
	VESA External Mounting	Yes, one set of standard 4-hole pattern, 100 mm.
	Security Lock-Ready	Yes, one security lock slot available
	Country of Origin	China
Certification and Compliance	EPEAT® Gold (select regions)[3], ENERGY STAR® qualified, TUV-GS, TUV-Ergo, UL, C-tick, VCCI, E-Standby, NOM/PSB/ICE, China Energy Label (CEL) Grade 1, TCO Displays, TCO Certified Edge, SmartWay - NA only	
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.[2]	

Technical Specifications

© Copyright 2014 Hewlett-Packard Development Company, L.P.

ENERGY STAR® is a US registered mark of the United States Environmental Protection Agency.

1. 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.
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.
3. EPEAT® Gold registered models of this product are available where HP registers commercial display products. See www.epeat.net for registration status in your country.
4. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
5. 17 to 24-inch diagonal monitors need to meet supported weight limits of 6 to 12.1 lbs. (2.7to 5.5 kg).
6. The Integrated Work Center Stand has been designed to support 17 to 24-inch diagonal HP LCD monitors from 2.3 kg to 5.2 kg (5.07 lbs to 11.24 lbs).

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.