Technical Specifications

HP EliteDisplay E243i 24-inch Monitor

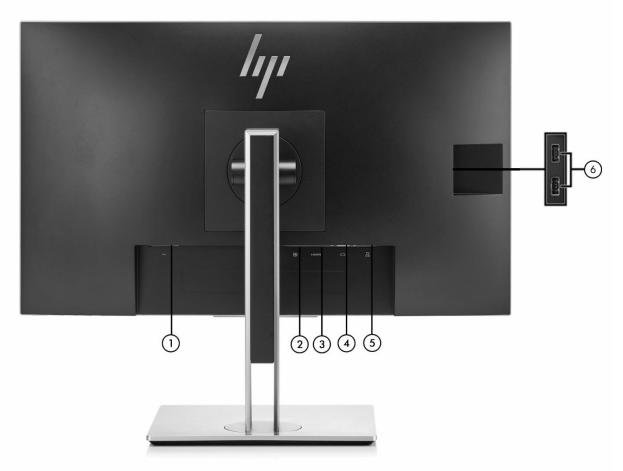|		
1.	**Power light**	LED: fully powered = white sleep mode = amber sleep timer mode = flashing amber
2.	**Menu**	Press to open the OSD menu, select a menu item from the OSD, or close the OSD menu.
3-5.	**Function buttons**	Use these buttons to navigate through the OSD menu based on the indicators next to the buttons that are activated while the OSD menu is open.
6.	**Power button**	Turns the monitor on or off.

Technical Specifications

1. **Power Connector**
2. **DisplayPort™ 1.2 (input)**
3. **HDMI 1.4**
4. **VGA**
5. **USB 3.0 upstream port**
6. **USB 3.0 downstream port**

Technical Specifications

Models	1FH49AA/1FH49A8/1FH49AC/1FH49AS	

Panel	**Type**	24-inch IPS Micro Edge, LED Backlit
	Viewable Image Area (diagonal)	**60,96 cm** (24 in) widescreen; diagonally measured
	Panel Active Area (W x H)	**51,84 x 32,4 cm** (20.41 × 12.76 in.)
	Panel Type	IPS
	Resolution	1920 x 1200 @ 60 Hz
	Aspect Ratio	16:10
	Viewing Angle (typical)	Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	300 cd/m²
	Contrast Ratio (typical)*	1,000:1
	Dynamic Contrast Ratio (typical)*	50,000,000:1
	Response Time (typical)*	5ms
	Pixel Pitch	0.27 mm
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Color Support**	Up to 16.7 million colors with the use of FRC technology
	Color Gamut	99% sRGB
	Surface Hardness	3H
	Flicker Free	Yes
	Low Blue Light Capable	Yes, user selectable in OSD Menu
	Anti-Glare	Yes

*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.

User Controls	**On Screen Display (OSD) User Controls**	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit
	Monitor Control Buttons or Switches	Menu/OK, Minus ("-")/Down/Information, Plus ("+") /Up/Viewing Mode Menu, Exit/Back/Next Input Port, Power
	User-Assignable Function Buttons	Yes, 20
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)

Signal Interface/ Performance	**Horizontal Frequency**	30-80 kHz
	Vertical Frequency	50 - 60 Hz
	Native Resolution	1920 x 1200 @ 60 Hz
	Preset VESA Graphic Modes (non-interlaced)	640 x 480 @ 60Hz
		720 x 400 @ 70 Hz
		800 x 600 @ 60 Hz
		1024 x 768 @ 60 Hz
		1280 x 720 @ 60 Hz
		1280 x 800 @ 60 Hz
		1280 x 1024 @ 60 Hz
		1440 x 900 @ 60 Hz
		1600 x 900 @ 60 Hz
		1680 x 1050 @ 60 Hz
		1920 x 1080 @ 60 Hz
	Maximum Pixel Clock Speed	170 MHz
	Default Color Temperature	Neutral (6500)

Technical Specifications

VIDEO/OTHER INPUTS

Connector Types	**DisplayPort™**	(1) DisplayPort™ 1.2
	HDMI	(1) HDMI 1.4
	VGA	(1) VGA
	HDCP support	Yes, HDMI and DisplayPort™
	Audio	N/A
USB Port Specifications	**USB Version**	3.0
	USB Ports	(3) USB 3.0 ports (2 downstream and 1 upstream)
Cables Included	**Video Cables Included**	(1) VGA **1,8 m** (5.9 ft), (1) DisplayPort™ **1,8 m** (5.9 ft)
	USB Cables Included	(1) USB B to A cable **1,8 m** (5.9 ft)
Power	**Power Supply**	Internal
	Input Power	100 – 240 VAC at 50/60 Hz
	Typical Power[1]	35 W
	Maximum Power[2]	45 W
	Energy Saving/Standby Mode	0.5 W
	Power Cable Length	**1,9 m** (6.2 ft)

DIMENSIONS AND WEIGHT

Mechanical	**Dimensions** (W x D x H)	**Unpacked w/stand** (highest setting)	**53,2 x 21,39 x 36,23 cm** (20.94 x 8.43 x 14.26 in)
		Unpacked w/o stand (head only)	**53,20 x 35,13 x 4,64** (20.95 x 18.83 x 1.83 in)
		Packaged	**62,5 x 42 x 27,3 cm** (24.61 x 16.54 x 10.75 in)
	Weight	**Head Only**	**3,66 kg** (8.07 lb)
		Unpacked	**6,36 kg** (14.02 lb)
		Packaged	**8,95 kg** (19.73 lb)

MONITOR FEATURES

	Plug and Play	Yes
	Color	Silver on facing bezel, side frame, column stand and foot; black on rear cover and stand center trim
	Cable Management	Yes, integrated into column stand. Effortlessly route cables through the column stand for easy management of power, video, and USB cables
	Detachable Stand	Yes, ships detached
	Tilt Range	−5° to + 23° vertical
	Swivel Range	45°L to 45°R
	Display height adjustment:	Adjustment Range: 150 mm
	Pivot Rotation	Yes, 90° clockwise and counter-clockwise
	VESA Mounting	Yes, 100 mm with integrated mount (included)
	Security Lock-Ready	Yes

ENVIRONMENTAL

Specifications	**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% Relative Humidity 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[3]	Yes (except cables)
Mercury-Free Display Backlights	Yes

OPTIONS
(Each sold separately)

HP Single Monitor Arm — 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 B300 PC Mounting Bracket — 2DW53AA	Attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select 2017 and 2018 HP EliteDisplays and HP Z Displays with the HP B300 PC Mounting Bracket.[7]
HP S100 Speaker Bar — 2LC49AA	Add rich stereo sound to select 2017 and 2018 HP ProDisplays, HP EliteDisplays, and HP Z Displays[7] without crowding your desk with the HP S100 Speaker Bar, which fits neatly underneath the display head and connects through USB.
HP HDMI Standard Cable Kit — T6F94AA	Use the cable to connect your desktop to your standard HDMI devices and displays.
HP Quick Release Bracket — EM870AA[6]	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 mounts. For more information, refer to this product's QuickSpecs document.
HP Integrated Work Center for Desktop Mini and Thin Client — G1V61AA	Designed to provide convenient access to the Desktop Mini and select Thin Clients to help maximize the use of limited desk space without compromising performance or productivity. It will support many HP 17 to 24-inch diagonal LCD monitors, with VESA standard mounting brackets. For more information, refer to this product's QuickSpecs document.

WHAT'S IN THE BOX?

What's in the box?	**Monitor and Accessories**	HP EliteDisplay E243i 24-inch Monitor, AC power cord, VGA cable, DisplayPort™ 1.2 cable, USB B to A cable, integrated VESA mount
	Documentation	CD, documentation
Other	**Software included**	HP Display Assistant
	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.

Technical Specifications

Country of Origin	China

CERTIFICATION AND COMPLIANCE

Certification and Compliance	ENERGY STAR®, EPEAT® Gold[4], CEL Grade 2, Microsoft WHQL Certification (Windows 7,8 and 10), TCO Certified Edge, SmartWay Transport Partnership (NA SKU), CE, CB, MSIP, Mexico COC, ICES, ISO 9241-307, TUS-GS, cTUVus, ISC, CCC, VCCI, FCC, BSMI, WEEE, RCM, ErP, S-mark
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 HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties.[5]

Technical Specifications

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1. Default Power is measured with factory defaults, including factory default brightness and USB ports loaded at 25% of maximum.
2. Maximum Power is measured with monitor at maximum brightness and with USB ports loaded at 100% of maximum.
3. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
4. EPEAT® registered where applicable/supported. EPEAT registration varies by country. See www.epeat.net for registration status by country.
5. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See http://www.hp.com/go/cpc for details.
6. 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.
7. Sold separately. See product QuickSpecs for exact device and display compatibility.

QuickSpecs

HP EliteDisplay E243i 24-inch Monitor

Technical Specifications

Change Log	
July 27, 2017	From V1 to V2