

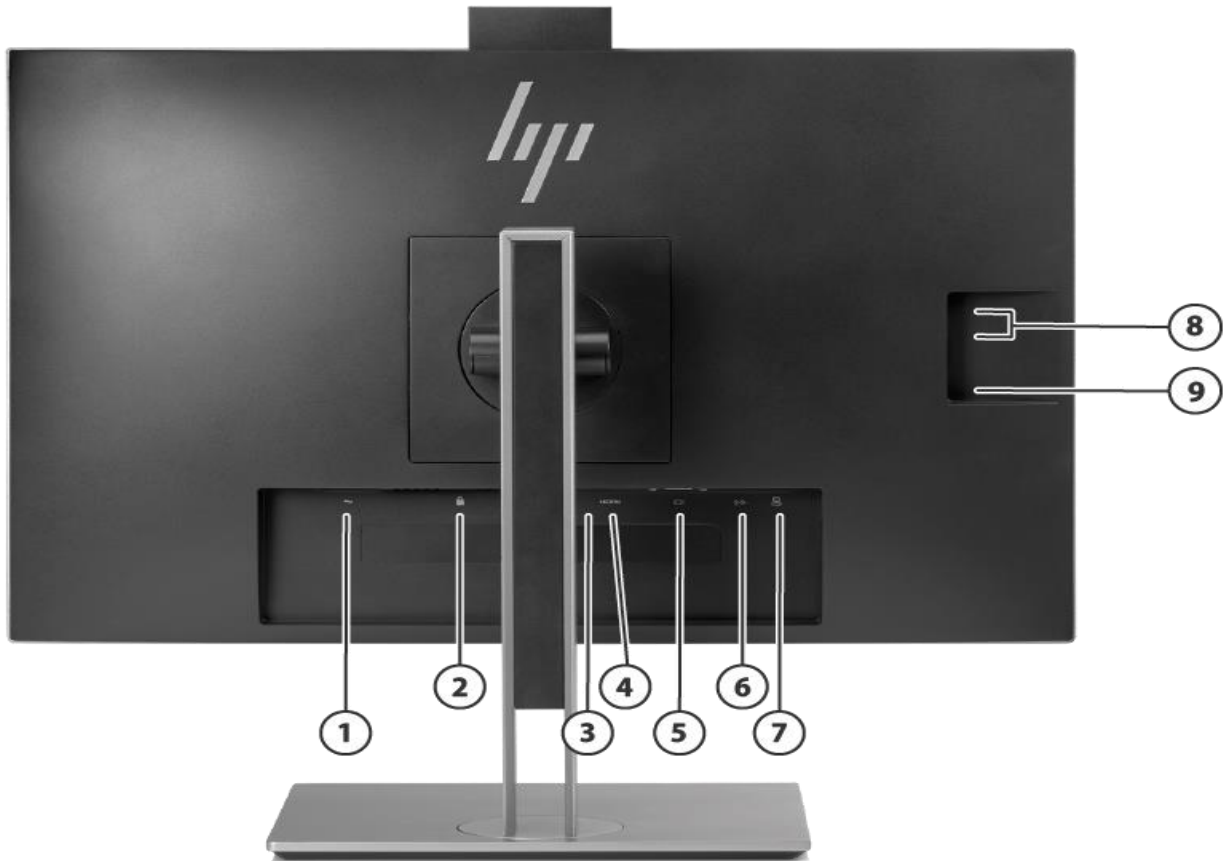
Technical Specifications

HP EliteDisplay E243m 23.8-inch Monitor



- | | | |
|-----|-------------------------------|---|
| 1. | Microphones (2) | Transmits your audio in a video conference. |
| 2. | Webcam | Transmits your image and audio in a video conference. |
| 3. | Volume Up and Down | Press to increase (+) or decrease (-) speaker volume. |
| 4. | Start/ Answer Call | Press to answer or make a call. |
| 5. | Mute Mic | Press to mute or activate the camera microphone. |
| 6. | Mute Speakers (Volume) | Press to mute or activate the speakers. |
| 7. | End Call | Press to decline or end a call. |
| 8. | Menu | Press to open the OSD menu, select a menu item from the OSD, or close the OSD menu. |
| 9. | 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. |
| 10. | Power button | Turns the monitor on or off. |
| 11. | Power light | LED:
fully powered = white
sleep mode = amber
sleep timer mode = flashing amber |

Technical Specifications



1. Power connector
2. Security lock slot
3. DisplayPort™ 1.2 (input)
4. HDMI 1.4
5. VGA
6. Audio in
7. USB 3.0 upstream port
8. USB 3.0 downstream ports
9. Audio-out (headphone) jack

Technical Specifications

Model	1FH48AA	
Panel*	Type	23.8-inch IPS, Micro Edge LED Backlit
	Viewable Image Area (diagonal)	60,5 cm (23.8 in) widescreen; diagonally measured
	Panel Active Area (W x H)	52,7 x 29,65 cm (20.75 x 11.67 in.)
	Panel Type	IPS
	Resolution	1920 x 1080 @ 60 Hz
	Aspect Ratio	16:9
	Viewing Angle (typical)	Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio)
	Brightness (typical)	250 cd/m ²
	Contrast Ratio (typical)	1,000:1
	Dynamic Contrast Ratio (typical)	10,000,000:1
	Response Time (typical)***	5ms
	Pixel Pitch*	0.2745 mm
	Pixel Per Inch (PPI)	93
	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	NTSC 72%
	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.	
	***Product default is 14ms response time and can be adjusted to as low as 5ms in the display menu. See user guide for more information.	
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 button/Down/Information, Plus button/Up/Viewing Mode Menu, Exit/Back/Next Input Port, Power
	User-Assignable Function Buttons	Yes, 10
	Skype for Business and Audio Controls	Volume Down/Up, Answer call, Mute microphone, Mute volume, End call
	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 1080 @ 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

Technical Specifications

		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 (VGA, DisplayPort, HDMI)
	Default Color Temperature	Neutral (6500)
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	Yes, Audio in
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 3.0 B-A cable 1,8 m (5.9 ft)
MULTIMEDIA		
Audio	Audio-out (connects headphone)	(1) Headphone jack
Speakers Output Power	Yes, Internal	2W per channel. 2W (L) + 2W (R) speakers, tuned by Bang & Olufsen
Webcam	Yes, Integrated	Microsoft Certified Skype for Business, (Pop-up type for privacy) 720p Integrated HD Webcam with Dual Digital Mics
POWER		
	Power Supply	Internal
	Input Power	100 – 240 VAC at 50/60 Hz
	Typical Power¹	30 W
	Maximum Power²	45 W
	Energy Saving/Standby Mode	0.5 W
	Power Cable Length	1,9 m (6.2 ft)
	EU Energy Efficiency Class (EC1062) Report and Fiche	Class A+
DIMENSIONS AND WEIGHT		
Mechanical	Dimensions (W x D x H)	Unpacked w/stand (highest setting) 53,88 x 21,40 x 51,37 cm (21.21 x 8.43 x 20.22 in)
		Unpacked w/o stand (head only) 53,88 x 4,63 x 34,72 cm (21.21 x 1.82 x 13.67 in)
		Packaged 62,8 x 41,1 x 31 cm (24.72 x 16.18 x 12.20 in)
	Weight	Head Only 3,9 kg (8.6 lb)
		Unpacked 6,6 kg (14.55 lb)
		Packaged 9,3 kg (20.5 lb)
MONITOR FEATURES		
	Plug and Play	Yes
	Color	Silver Speaker cabinet, bezel and stand / Black rear cover
	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

Technical Specifications

Tilt Range	-5° to + 22° 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, 100mm - located on rear cover
Security Lock-Ready	Yes

ENVIRONMENTAL

Specifications

Temperature - Operating	5° to 35° C (41° to 95° F)
Temperature - Non-operating	-34° to 60° C (-29° 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)
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 Halogen³	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 HDMI Standard Cable Kit — T6F94AA	Use the cable to connect your desktop to your standard HDMI devices and displays.
HP Quick Release Bracket — EM870AA⁶	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.

Technical Specifications

WHAT'S IN THE BOX?

What's in the box?	Monitor and Accessories⁸	HP EliteDisplay E243m 23.8-inch Monitor, AC power cord, HDMI cable (1.8 m length), VGA cable, DisplayPort™ 1.2 cable, USB 3.0 B-A cable
	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.
	Country of Origin	China

CERTIFICATION AND COMPLIANCE

Certification and Compliance	ENERGY STAR®, EPEAT® 2019 Registered ⁴ , CEL Grade 2, Microsoft WHQL Certification (Windows 7, 10), TCO Certified Edge, SmartWay Transport Partnership (NA SKU), CE, CB, KC, KCC, NOM, PSB, ICE, TUV-S, ISO 9241-307, EAC, UL, CSA, PSB, ISC, CCC, CECP, ISC, VCCI, FCC, BSMI, Vietnam MEPS, ANZ MEPS, WEEE
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. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit <http://www.epeat.net> for more information.
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.
8. Included cables may vary in select countries.

Technical Specifications

Change Log	
V1 to V2	
February 19, 2019	HDMI cable (1.8 m length) added to what is in the box? section
V2 to V3	
May 28, 2019	Updated EPEAT