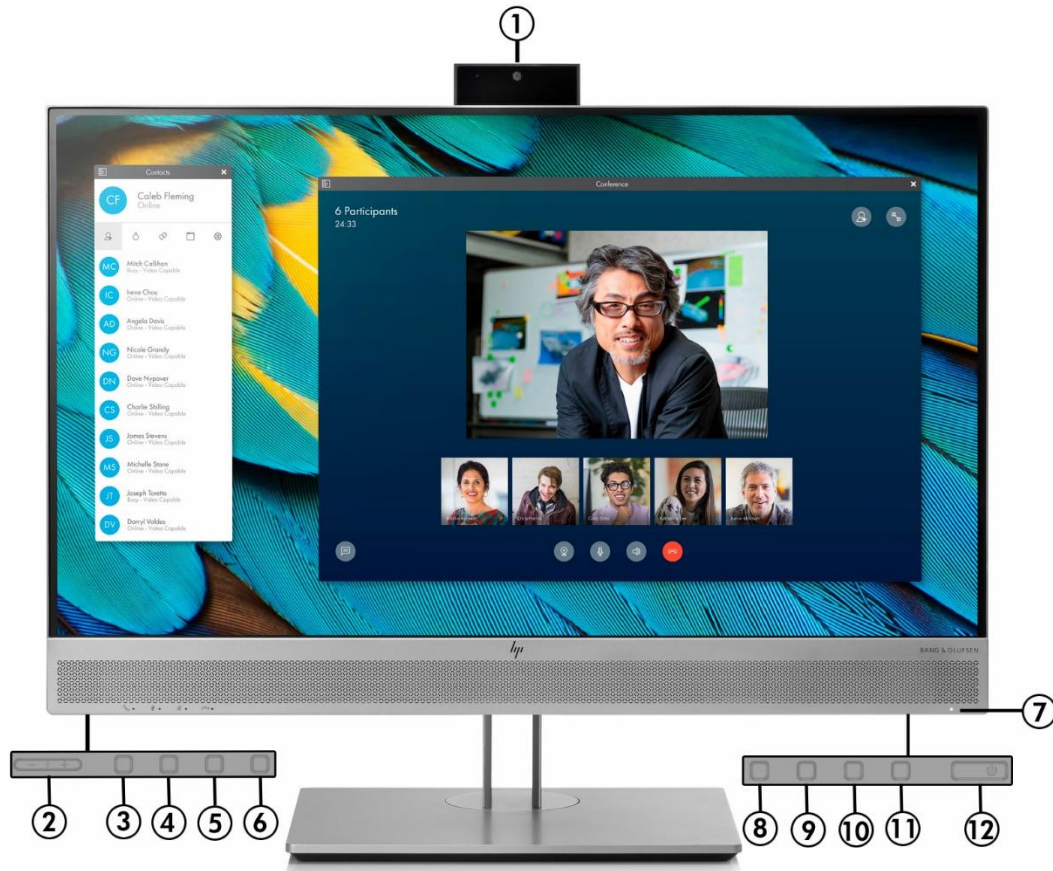


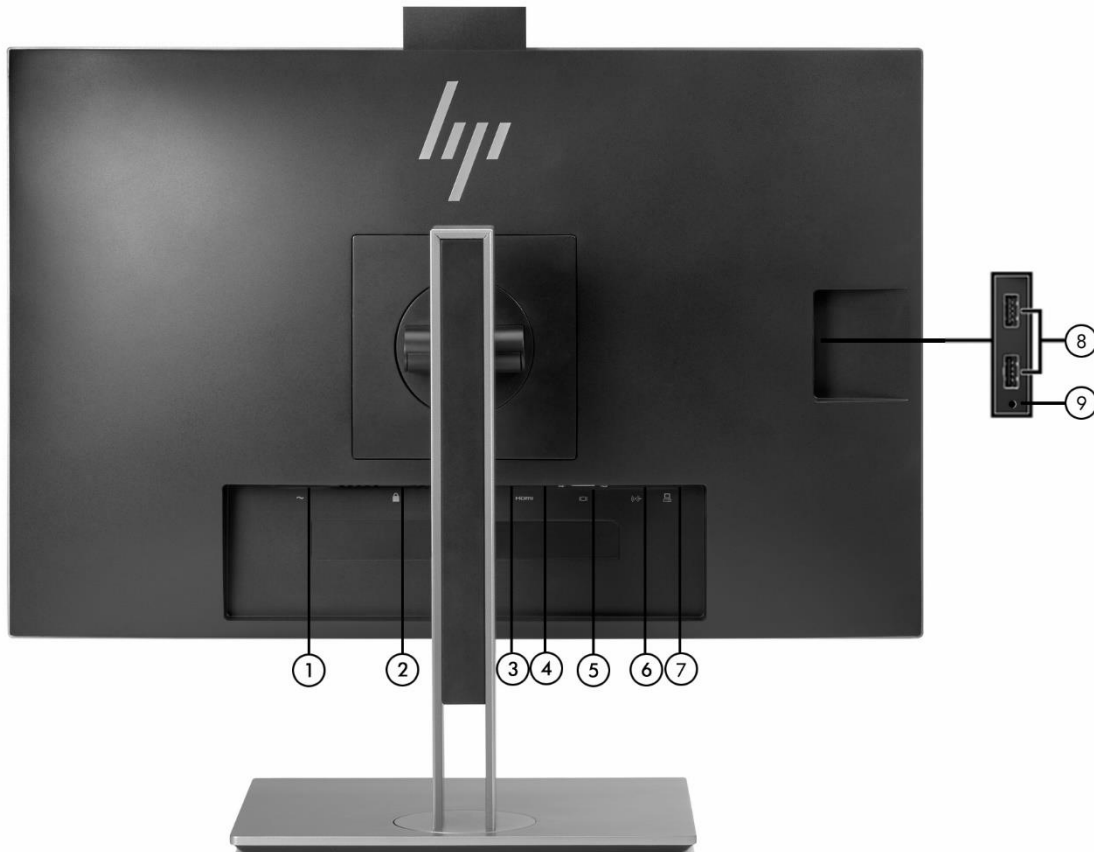
### Technical Specifications

### HP EliteDisplay E243m 23.8-inch Monitor



- |       |                               |   |
|-------|-------------------------------|---|
| 1.    | <b>Webcam</b>                 | Transmits your image and audio in a video conference.   |
| 2.    | <b>Volume Up and Down</b>     | Press to increase (+) or decrease (-) speaker volume.   |
| 3.    | <b>Start/ Answer Call</b>     | Press to answer or make a call.   |
| 4.    | <b>Mute Mic</b>               | Press to mute or activate the camera microphone.  |
| 5.    | <b>Mute Speakers (Volume)</b> | Press to mute or activate the speakers.   |
| 6.    | <b>End Call</b>               | Press to decline or end a call.   |
| 7.    | <b>Power light</b>            | LED:<br>fully powered = white<br>sleep mode = amber<br>sleep timer mode = flashing amber  |
| 8.    | <b>Menu</b>                   | Press to open the OSD menu, select a menu item from the OSD, or close the OSD menu.   |
| 9-11. | <b>Function buttons</b>       | 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. |
| 12.   | <b>Power button</b>           | Turns the monitor on or off.  |

### 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

<b>Models</b>	1FH48AA	
<b>Panel*</b>	<b>Type</b> <b>Viewable Image Area (diagonal)</b> <b>Panel Active Area (W x H)</b> <b>Panel Type</b> <b>Resolution</b> <b>Aspect Ratio</b> <b>Viewing Angle (typical)</b> <b>Brightness (typical)</b> <b>Contrast Ratio (typical)</b> <b>Dynamic Contrast Ratio (typical)</b> <b>Response Time (typical)***</b> <b>Pixel Pitch*</b> <b>Pixel Per Inch (PPI)</b> <b>Backlight Lamp Life (to half brightness)</b> <b>Color Support**</b> <b>Color Gamut</b>  <b>Surface Hardness</b> <b>Flicker Free</b> <b>Low Blue Light Capable</b> <b>Anti-Glare</b>	23.8-inch IPS, Micro Edge LED Backlit <b>60,5 cm</b> (23.8 in) widescreen; diagonally measured <b>52,7 x 29,65 cm</b> (20.75 × 11.67 in.) IPS 1920 x 1080 @ 60 Hz 16:9 Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio) 250 cd/m <sup>2</sup> 1,000:1 10,000,000:1 5ms 0.2745 mm 93 30,000 hours minimum  Up to 16.7 million colors with the use of FRC technology NTSC 72%  3H Yes Yes, user selectable in OSD menu 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.	
<b>User Controls</b>	<b>On Screen Display (OSD) User Controls</b>  <b>Monitor Control Buttons or Switches</b>  <b>User-Assignable Function Buttons</b> <b>Skype for Business and Audio Controls</b> <b>Languages</b>	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit Menu/OK, Minus button/Down/Information, Plus button/Up/Viewing Mode Menu, Exit/Back/Next Input Port, Power Yes, 10 Volume Down/Up, Answer call, Mute microphone, Mute volume, End call 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
<b>Signal Interface/Performance</b>	<b>Horizontal Frequency</b> <b>Vertical Frequency</b> <b>Native Resolution</b> <b>Preset VESA Graphic Modes</b> (non-interlaced)	30 - 80 kHz 50 - 60 Hz 1920 x 1080 @ 60 Hz 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
		170 MHz (VGA, DisplayPort, HDMI)
		Neutral (6500)
	<b>Maximum Pixel Clock Speed</b>	
	<b>Default Color Temperature</b>	
<b>VIDEO/OTHER INPUTS</b>		
<b>Connector Types</b>	<b>DisplayPort™</b>	(1) DisplayPort™ 1.2
	<b>HDMI</b>	(1) HDMI 1.4
	<b>VGA</b>	(1) VGA
	<b>HDCP support</b>	Yes, HDMI and DisplayPort™
	<b>Audio</b>	Yes, Audio in
<b>USB Port Specifications</b>	<b>USB Version</b>	3.0
<b>Cables Included</b>	<b>USB Ports</b>	(3) USB 3.0 ports (2 downstream and 1 upstream)
	<b>Video Cables Included</b>	(1) VGA <b>1,8 m</b> (5.9 ft), (1) DisplayPort™ <b>1,8 m</b> (5.9 ft)
	<b>USB Cables Included</b>	(1) USB 3.0 B-A cable <b>1,8 m</b> (5.9 ft)
<b>MULTIMEDIA</b>		
<b>Audio</b>	<b>Audio-out (connects headphone)</b>	(1) Headphone jack
<b>Speakers Output Power</b>	<b>Yes, Internal</b>	2W per channel. 2W (L) + 2W (R) speakers, tuned by Bang & Olufsen
<b>Webcam</b>	<b>Yes, Integrated</b>	Microsoft Certified Skype for Business, (Pop-up type for privacy) 720p Integrated HD Webcam with Dual Digital Mics
<b>POWER</b>		
	<b>Power Supply</b>	Internal
	<b>Input Power</b>	100 – 240 VAC at 50/60 Hz
	<b>Typical Power<sup>1</sup></b>	30 W
	<b>Maximum Power<sup>2</sup></b>	45 W
	<b>Energy Saving/Standby Mode</b>	0.5 W
	<b>Power Cable Length</b>	<b>1,9 m</b> (6.2 ft)
	<b>EU Energy Efficiency Class (EC1062) Report and Fiche</b>	Class A+
<b>DIMENSIONS AND WEIGHT</b>		
<b>Mechanical</b>	<b>Dimensions (W x D x H)</b>	<b>Unpacked w/stand</b> <b>53,88 x 21,40 x 51,37 cm</b> (highest setting) (21.21 x 8.43 x 20.22 in)
		<b>Unpacked w/o stand</b> <b>53,88 x 4,63 x 34,72 cm</b> (head only) (21.21 x 1.82 x 13.67 in)
		<b>Packaged</b> <b>62,8 x 41,1 x 31 cm</b> (24.72 x 16.18 x 12.20 in)
	<b>Weight</b>	<b>Head Only</b> <b>3,9 kg</b> (8.6 lb)
		<b>Unpacked</b> <b>6,6 kg</b> (14.55 lb)
		<b>Packaged</b> <b>9,3 kg</b> (20.5 lb)
<b>MONITOR FEATURES</b>		
	<b>Plug and Play</b>	Yes
	<b>Color</b>	Silver Speaker cabinet, bezel and stand / Black rear cover
	<b>Cable Management</b>	Yes, integrated into column stand. Effortlessly route cables through the column stand for easy management of power, video, and USB cables.
	<b>Detachable Stand</b>	Yes, ships detached

### Technical Specifications

<b>Tilt Range</b>	-5° to + 22° vertical
<b>Swivel Range</b>	45°L to 45°R
<b>Display height adjustment:</b>	Adjustment Range: 150 mm
<b>Pivot Rotation</b>	Yes, 90° clockwise and counter-clockwise
<b>VESA Mounting</b>	Yes, 100mm - located on rear cover
<b>Security Lock-Ready</b>	Yes

### ENVIRONMENTAL

#### Specifications

<b>Temperature - Operating</b>	<b>5° to 35° C</b> (41° to 95° F)
<b>Temperature - Non-operating</b>	<b>-34° to 60° C</b> (-29° to 140° F)
<b>Humidity - Operating</b>	20% to 80% Relative Humidity non-condensing
<b>Humidity - Non-operating</b>	5% to 95%, 38.7° C max wet-bulb
<b>Altitude - Operating</b>	<b>0 to 5,000 m</b> (0 to 16,404 ft)
<b>Altitude - Non-operating</b>	<b>0 to 12,192 m</b> (0 to 40,000 ft)
<b>White LED Backlights</b>	Yes
<b>CCFL Panel</b>	No
<b>Arsenic-Free Display Glass</b>	Yes
<b>Low Halogen<sup>3</sup></b>	Yes (except cables)
<b>Mercury-Free Display Backlights</b>	Yes

### OPTIONS (Each sold separately)

<b>HP Single Monitor Arm — BT861AA</b>	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.
<b>HP B300 PC Mounting Bracket — 2DW53AA</b>	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. <sup>7</sup>
<b>HP HDMI Standard Cable Kit — T6F94AA</b>	Use the cable to connect your desktop to your standard HDMI devices and displays.
<b>HP Quick Release Bracket — EM870AA<sup>6</sup></b>	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.
<b>HP Integrated Work Center for Desktop Mini and Thin Client — G1V61AA</b>	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?

<b>What's in the box?</b>	<b>Monitor and Accessories<sup>8</sup></b>	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
	<b>Documentation</b>	CD, documentation
<b>Other</b>	<b>Software included</b>	HP Display Assistant
	<b>User Guide Languages</b>	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.
	<b>Warranty Languages</b>	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.
	<b>Country of Origin</b>	China

#### CERTIFICATION AND COMPLIANCE

<b>Certification and Compliance</b>	ENERGY STAR®, EPEAT® 2019 Registered <sup>4</sup> , 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
<b>Compatibility</b>	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.
<b>Service and Warranty</b>	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. <sup>5</sup>

### Technical Specifications

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Microsoft and Windows are registered trademarks or trademarks of Microsoft Corporation in the U.S. and/or other countries.

ENERGY STAR is a registered trademark owned by the U.S. Environmental Protection Agency.

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.

