QuickSpecs

Overview

HP EliteDisplay E242 24-inch Monitor
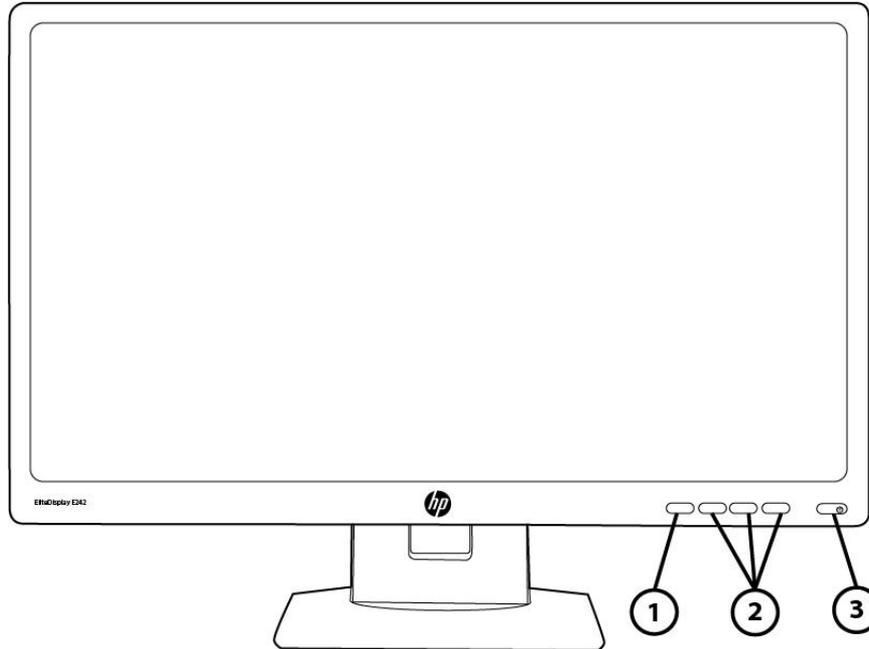
1.	Menu button	**3.**	Power button and LED
2.	Dynamic OSD function buttons		

Note: You can reconfigure the Function buttons in the OSD menu to quickly select the most commonly used operations.
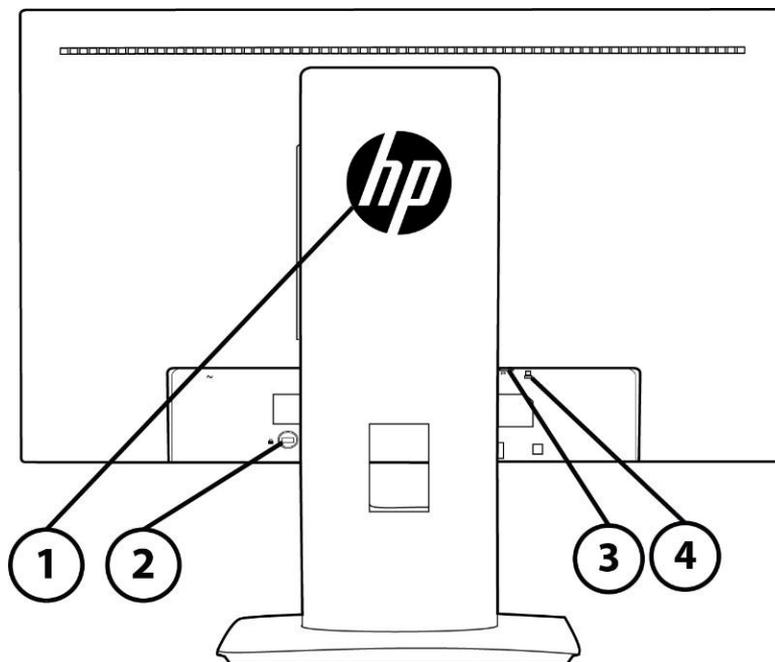
|			
1.	VESA mounting pattern available upon removal of column stand	3.	VGA input
2.	Security lock slot	4.	USB 2.0 upstream

Overview
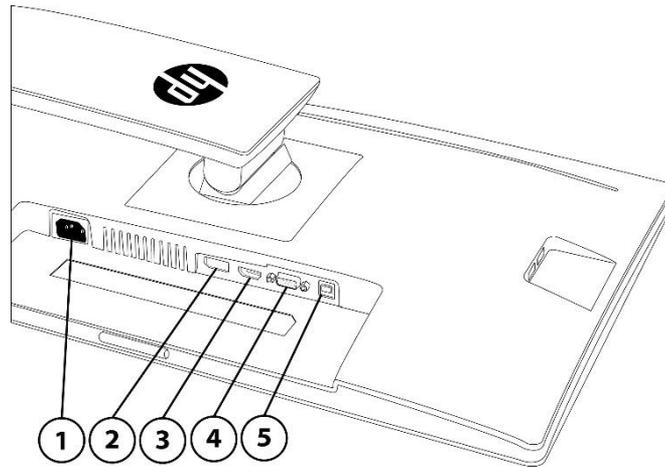
1. Power input
2. DisplayPort v 1.2
3. HDMI input
4. VGA input
5. USB 2.0 upstream
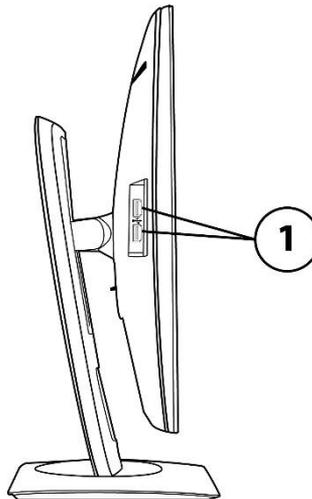
1. USB 2.0 ports
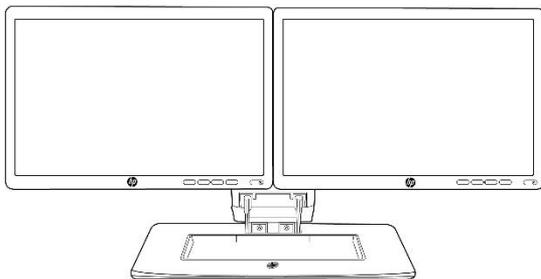
HP EliteDisplay E242 and HP Adjustable Dual Display Stand dual monitor configuration shown. (Note: monitors and stands sold separately)

Your ideal office configuration begins with two HP EliteDisplay E242 monitors combined with an HP Adjustable Dual Display Stand (AW664AA) for a small footprint, high productivity work solution.*

*NOTE: Multi-monitor support is dependent on your system. Check your user guide or technical specifications for compatibility. Optional accessories may be required.

Overview

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Be a master at multi-tasking with HP EliteDisplay E242 24-inch Monitor, which is Certified for Windows 10. Experience Full HD resolution, adjustable comfort features, and an extra-large screen for all of your work.

Key features:

- See and share more of your work on the 24-inch diagonal screen with wide 178-degree viewing angles from IPS.
- Set your tilt, height adjustment, and swivel to meet your exact comfort requirements.
- Connect to a range of PCs and USB devices with HDMI, DisplayPort, VGA, and USB ports.
- Attach your HP PC or select HP Thin Client directly behind the display.[1]
- Connect the display to your PC or notebook and experience all Windows 10 has to offer.
- Get an intelligent, energy-efficient design that is ENERGY STAR® certified, EPEAT® Gold registered[2], and meets TCO Certified Edge requirements with 85% Post-Consumer Recycled plastics.
- Design the screen for how you work with HP Display Assistant software.
- Customize a complete solution with HP accessories[3] designed and tested to work with your display.
- Get three years of service and support, and extend your protection with optional HP Care Packs.[4]

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1   Requires HP PC Mounting Bracket for Monitors, sold separately. See product QuickSpecs for exact PC and thin client compatibility.
2   EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
3   Each sold separately.
4   Sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

Technical Specifications

Models:

M1P02AA- HP EliteDisplay E242 24-inch Monitor
N0Q25AA- HP EliteDisplay E242 24-inch Monitor Head Only

Panel		
	Type	24-inch IPS/PLS w/LED backlight
	Viewable Image Area (diagonal)	**60,96 cm** (24-inch) widescreen; diagonally measured
	Panel Active Area (W × H)	51,84 x 32,4 cm **(20.41 x 12.76 in)**
	Resolution	1920 x 1200 @ 60 Hz
	Aspect Ratio	16:10
	Viewing Angle	Up to 178° horizontal/178° vertical typical
	Brightness	250 cd/m²
	Contrast Ratio (Typical)	1000:1 Static; 5,000,000:1 Dynamic (DCR)
	Response Times*	7 ms gray to gray
	Pixel Pitch	0.270 x 0.270 mm
	Pixels Per Inch (PPI)	93.9
	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 (Typical)	72%

* Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

User Controls		
	Buttons or Switches	Dynamically adjust depending upon OSD screen selected
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	On Screen Display (OSD) **User Controls**	Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information

Signal Interface/ Performance		
	Horizontal Frequency	30 - 80 KHz
	Vertical Frequency	50 – 60 Hz
	Native Resolution	1920 x 1200 @ 60 Hz
	Preset 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
		1600 x 1200 @ 60 Hz
		1680 x 1050 @ 60 Hz

Technical Specifications

		1920 x 1080 @ 60 Hz 1920 x 1200 @ 60 Hz	
	Maximum Pixel Clock Speed	170 MHz	
	Anti-Glare	Yes	
Video/Other Inputs	**Plug and Play**	Yes	
	Input Connectors	1) DisplayPort 1.2, (1) HDMI, (1) VGA	
		HDCP support on DisplayPort and HDMI	
	USB	(3) USB 2.0 (Two downstream and one upstream)	
	Cables Included	(1) DisplayPort **1,8 m** (5.9 ft) ; (1) VGA **1,8 m** (5.9 ft); (1) USB **1,8 m** (5.9 ft)	
	Audio	N/A	
Multimedia	**Speakers**	N/A	
Power	**Power Supply**	Internal	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	38 W	
	Typical Power	30 W	
	Sleep Power	0.5 W (standby)	
	Power Cable Length	**1.9 m** (6.2 ft)	
		1.83 m (6 ft – head only model)	
Mechanical	**Dimensions** (W × D × H)	**Unpacked w/stand**	**56,22 x 18,9 x 51,9 cm** (22.13 x 7.44 x 20.43 in)
		Unpacked w/o stand (head only)	**56,22 x 5 x 37,74 cm** (22.13 x 1.97 x 14.86 in)
		Packaged	**65,5 x 22,6 x 44,7 cm** (25.79 x 8.9 x 17.6 in)
	Weight	**Head Only**	**4,2 kg** (9.26 lb)
		Unpacked with stand	**6,23 kg** (13.73 lb)
		Packaged	**8,43 kg** (18.58 lb)
		Packaged (head only)	**6,4 kg** (14.11 lb)
Ergonomic Features **- Not available on head only model**	**Detachable Stand**	No	
	Height Adjustment	Yes, 150 mm	
	Tilt Range	-5° to +25°	
	Swivel	±45°	
	Pivot	90°	
Environmental	**Temperature - Operating**	**5° to 35° C** (41° to 95° F)	
	Temperature - Non-operating	**–20° to 60° C** (-4° to 140° F)	

Technical Specifications

	Humidity - Operating	20% to 80% non-condensing
	Humidity - Non-operating	5% to 95%, 38.7° C max wet-bulb
	Altitude - Operating	**0 to 5,000 m** (0 to 16,400 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 Halogen[1]	Yes
	Mercury-Free Display Backlighting	Yes, Mercury-free LED backlighting
Options (sold separately)	**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 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, 75 degrees of tilt, and 360 degrees of pan and rotation – all at your fingertips -- helping you stay comfortable and productive throughout the day.
	HP LCD Monitor Quick Release — Part number EM870AA[4]	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 LCD Speaker Bar— Part number NQ576AA	Powered directly by the connected 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 dual external headphone jacks. Sold separately. For more information, refer to the product's QuickSpecs.
	HP Business PC Security Lock v2 Kit— Part number N3R93AA	Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the HP Business PC Security Lock v2 Kit.
	HP PC Mounting Bracket for Monitors— Part number N6N00AA	Customize an altogether better solution with the HP PC Mounting Bracket for Monitors, which lets you attach your HP Desktop Mini, HP Chromebox, or select HP Thin Client directly behind select HP Z Displays and EliteDisplays.
	HP UHD USB Graphics Adapter — Part number N2U81AA	Just plug the adapter into any USB 2.0 or 3.0 port on your PC and connect the DisplayPort connector on the other end to your UHD display.
What's in the box?	**Monitor and Accessories**	HP EliteDisplay E242 24-inch Monitor (and column stand) or HP EliteDisplay E242 24-inch Monitor Head Only AC power cord (1.9m) 6.2ft VGA Cable (1.8m) 5.9ft DP Cable (1.8m) 5.9ft USB 2.0 cable (1.8m)

Technical Specifications

Other	**Documentation**	CD (includes U.G., warranty, drivers)
	Software	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.
	Color	Black
	VESA Mounting	100 mm VESA mount
	Security Lock-Ready	Yes
	Country of Origin	China
Certification and Compliance		TCO Certified Edge, CEL Grade 1, Microsoft WHQL Certification (Windows 8.1 and Windows 7), ENERGY STAR® Qualified, EPEAT® Gold[2], CE, CB, KC, KCC, NOM, PSB, ICE, TUV-S, ISO 9241-307, EAC, UL, CSA, PSB, ISC, CCC, CECP, SEPA, ISC, VCCI, FCC, BSMI, 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.[3]

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1. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
2. EPEAT® Gold where HP registers commercial display products. See www.epeat.net for registration status in your country.
3. 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.
4. 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.

Change Log

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