

Technical Specifications

HP EliteDisplay E243d 23.8-inch Docking Monitor



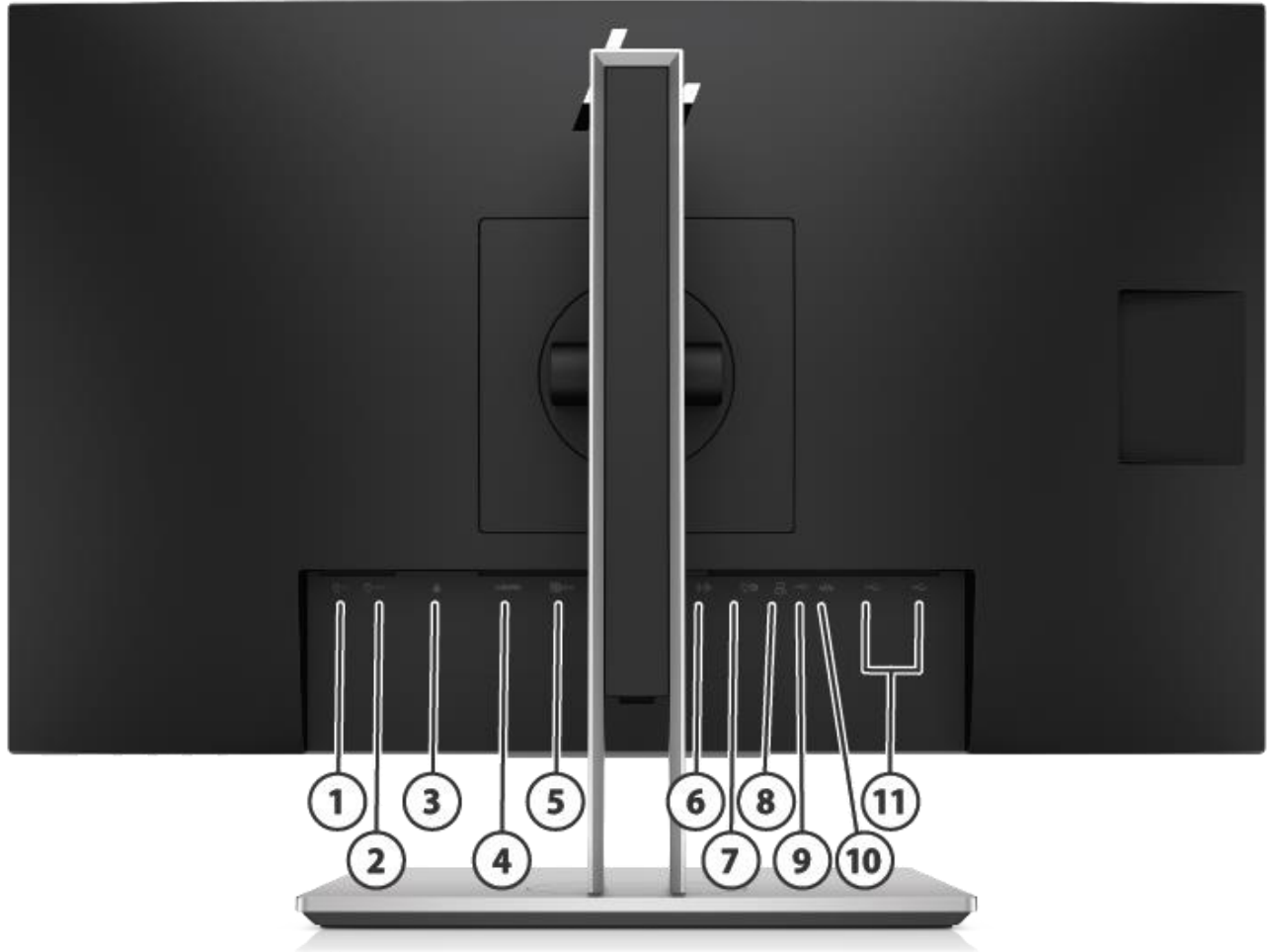
1. Camera microphones
2. Camera Light
3. Camera

Front

4. Menu button
5. Function buttons
6. Power button (with power light)

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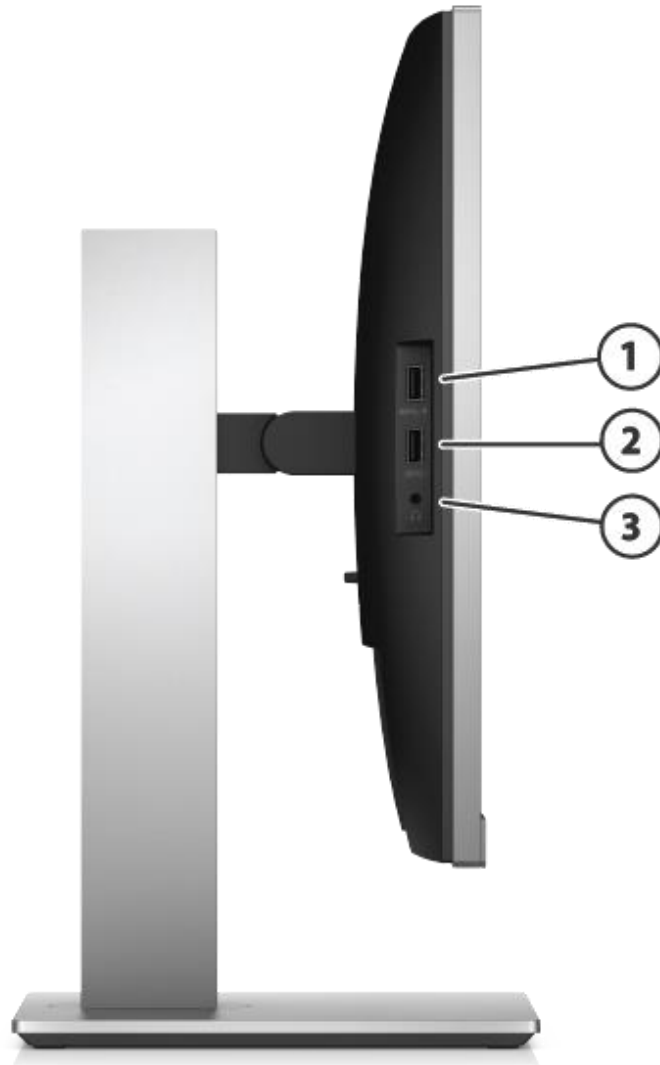
1. DC Power IN connector
2. DC Power OUT connector
3. Security cable slot
4. HDMI port
5. DisplayPort™ 1.2 OUT port
6. VGA port

Back

7. Audio-in jack
8. USB Type-C™ port
9. USB Type-B™ port
10. Network jack
11. USB Type-A ports (2)

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Side View

1. USB Type-A ports (Fast charge, 7.5W)
2. USB Type-A port (standard)
3. Audio-out (headset) jack

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Models: 1TJ76AA/1TJ76A8/1TJ76AC/1TJ76AT/1TJ76AS/1TJ76U9

Panel Specifications	Display Size (Diagonal)	23.8 in
	Display Panel Type	IPS w/LED backlight
	Micro-Edge Bezel	Yes, 3-sided
	Native Resolution/Timing	1920 x 1080 @60 Hz
	Native Resolution Note	The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz and include 1 HDMI or 1 VGA or USB TYPIC DP ALT MODE to drive the monitor at the Preferred Mode.
	Panel Bit Depth	8 Bit (6 Bit + A-FRC)
	Aspect Ratio	16:9
	Brightness - Typical	250 cd/m ²
	Static Contrast Ratio - Typical	1000:1
	Static Contrast Ratio - Minimum	700:1
	Dynamic Contrast Ratio (DCR)	5,000,000:1
	Pixel Pitch	0.2745 x 0.2745 mm
	Pixels Per Inch (PPI)	92.56
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes
	Response Time - Typical	7ms (GTG)
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Panel Active Area (w x h)	527.04 (H) x 296.46 (V)
	Preset Graphic Modes/Supported Resolutions	640x480 @59.940Hz 720x400 @70.087Hz 800x600 @60.317Hz 1024x768 @60.004Hz 1280x720 @60Hz 1280x800 @59.810Hz 1280x1024 @60.020Hz 1440x900 @59.887Hz 1600x900 @60Hz 1680x1050 @59.954Hz 1920x1080 @60Hz
	Maximum Resolution	1920 x 1080 @60Hz
	Recommended Resolution	1920 x 1080 @60Hz
	Vertical Scan Range	50 - 60 Hz
Horizontal Scan Range	30 - 80 kHz	
Default Color Temperature	Neutral (6500K)	
Maximum Pixel Clock Speed	170Mhz	
* All Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.		
Color Gamut Coverage	NTSC	72%
	sRGB	94%
Color Management	Color Space / Subsampling Support	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2
	Default Color Temperature	Neutral (6500K)
	Low Blue Light Modes	Yes
	RGB Channel Adjust	Yes, Gain

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Monitor Specifications	Exterior Color of Monitor Bezel and Stand Plug & Play Tilt Swivel Pivot Height Adjustment Range VESA Mounting Security Lock Ready Detachable Base Warranty	Asteroid in bezel and bucket frame and Jack black in stand Yes -5 TO +23 DEGREES Yes, 45° Pivot (CW & counter CW). Detent at 0 degrees Yes, 150 mm Yes, 100 mm with integrated mount or with included bracket Yes Yes, ships detached 3-0-0 NA/BZL 3-3-0 TW/EMEA/ANZ/JPN/VIET 3-3-3 KOR/INDIA/PRC
Multimedia	Webcam Microphone	Yes, 720p Yes, 2
On Screen Display (OSD)	On Screen Display User Controls User Programmable Modes Monitor Control Buttons or Switches User-Assignable Function Buttons Languages	Brightness, Contrast, Color Control, Input Control, Image Control, Power control, Menu Control, Management, USB Host Selection, Information, EXIT Yes, 10 Menu, Minus ("-")/Information, Plus ("+")/Viewing Modes, Back/Next Active Input, Power Yes, 3 (8 options) 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese).
Connector Types	DisplayPort™ HDMI VGA HDCP support Audio Output Audio Input Ethernet	1 DisplayPort™ 1.2 out 1, HDMI 1.4 IN 1, VGA IN Yes, (USB-C™ Video and HDMI) 1, Analog 1, Analog Yes
Power & Operating Specs	USB Version USB Hub Downstream Ports Upstream Ports Fast Charging USB Ports Power Output Maximum	USB 3.1 Gen 1 Yes 4 Ports 2 Ports (Type-C & Type-B) 1 Port (Upper, on side) Fast Charging: up to 7.5W; Standard up to 4.5W; up to 90W on DC OUT port*
USB-Type C™ Port Specifications	USB-Type C™ Version Upstream USB-Type C™ Ports Video Support Power Output Power Output Maximum	USB 3.1 Gen1 / 5G bps 1 Port USB-C™ DP Alt mode – DisplayPort™ 1.2 5V/9V/10V/12V/15V/20V 65W Max

***NOTE:** Only one host PC should be connected to either USB Type-C™ port or DC OUT port for Power pass through. Connecting two Host PCs to the HP EliteDisplay E243d 23.8-inch Docking Monitor may result in system shutdown, loss of power, and the need to power-cycle the monitor's AC supply.

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Special Features	User Presets	Yes
Power and Operating Specs	Power Supply	External
	Power Source	100–240 VAC 50/60 Hz
	Power Consumption - Maximum	155 W (without DC power out, with power delivery)
	Energy Saving/Standby Mode	0.5W
	Power Consumption - Typical	38 W
	Power cable length	1830mm: 398062-001,150304-008,130627-008,121565-001,285052-001,100613-008,286496-001,109197-008,653326-001,438723-001,393312-001 2500mm: 187487-001,100661-001,401328-001 1800mm: 100614-009 2000mm: 403440-001
EU Energy Efficiency Class (EC1062)	On-mode Power Consumption (EC 1062/2010)	29W
	Annual Power Consumption (EC 1062/2010)	42 kWh
	Energy Efficiency Class (EC 1062/2010)	B
	Visible Screen Size	23.8"/60,5cm
Operating Conditions	Operating Temperature - Celsius	5° - 35°C
	Operating Temperature - Fahrenheit	41° - 95°F
	Non-operating Temperature - Celsius	-20° - 60°C
	Non-operating Temperature - Fahrenheit	-4° - 140°F
	Operating Humidity	20% - 80% (non-condensing)
	Non-operating Humidity	5% - 95%
	Operating Altitude	0 - 5,000 m (16,400 ft.)
	Non-operating Altitude	0 - 12.192 m (40,000 ft.)
Environmental Features and Certifications	Mercury-free LED display backlights	Yes, Mercury-free LED backlights
	Arsenic-Free Display Glass	Yes
	Low Halogen**	Yes GSE HP-00011-01B, table 2 defines low-halogen (BFR, CFR, PVC)
	Agency Approvals and Certifications	WW application CE,CB,KC/KCC/NOM/PSB/ICE/ISO 9241-307/ EAC/UL/cTUVus/PSB/ISC/CCC/CEL/ISC/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE
	Microsoft WHQL Certification	Win 10, Win 8.1, Win 7
	China Energy Label	CEL Grade 3
	SmartWay Transport Partnership - NA only	Yes (NA SKU)
	**External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.	
Contains Recycled Plastics	Contains Recycled Plastics in Back Cover	0.85

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	Contains Recycled Plastics in Base/Stand	0.85	
	Contains Recycled Plastics in Other Parts	85% (Deco, Middle Frame)	
	Recyclable Plastics	All	
	Recyclable Packaging (Box, packing materials)	All	
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	Metric 53.88 x 20.5 x 46.3 cm	Imperial 21.21 x 8.07 x 18.23 in
	Product Dimensions (packed) (W x D x H)	62.0 x 40.0 x 27.3 cm	24.41 x 15.75 x 10.75 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	53.88 x 4.535 x 32.19 cm	21.21 x 1.79 x 12.67 in
	Base Area Footprint (W x D x H)	236.99 x 205.00 mm	9.39 x 8.07 in
	Bezel Measurements	Top: 1.36 mm	Top: 0.054 in
		Side: 1.36 mm	Side: 0.054 in
		Bottom: 18.56 mm	Bottom: 0.73 in
	Product Weight (Packed)	9.72kg	21.43lbs
	Product Weight (Head Only)	3.77kg	8.31lbs
	Pallet Dimensions (L x W x H)	G-1:1250L x 1110W x 125H mm	G-1:49.21L x 43.7W x 4.92H inch
		G-2:1110L x 630W x 125H mm	G-2:43.7L x 24.8W x 4.92H inch
	Pallet Total Weight (L x W x H)	G-1:408.8 kg	G-1:901.25 lbs
		G-2:214.4 kg	G-2:472.67 lbs
	Pallet Layers	5	
	Pallet Product per Layer	G-1:8 G-2:4	
Total Products per Pallet	G-1:40 G-2:20		
Container Load, 20-Foot	360units		
Container Load, 40-Foot	760units		
Container Load, 40-Foot HighQ	912units		
Software	Software available on HP Support website	DisplayLink USB Driver Software Monitor INF/ICM Software HP Display Assistant	
What's in the box?	AC power cord (1.83m) 6.0 ft USB C-C cable (1.8m) 5.9 ft USB A-B Cable (1.8m) 5.9 ft HDMI cable (1.8m) 5.9 ft DC-DC Cable (1.8m) 5.9 ft DC Jack Dongle (7.4mm to 4.5mm) External power supplier (180W) QSP Product notice		
User Guide and Warranty Languages	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,	

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Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.

Dynamic Contrast Ratios* during video playback only, depending on series of frames or time duration.
All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

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Change Log	
V1 to V2	