

Technical Specifications

HP E24d G4 FHD USB-C Docking Monitor*

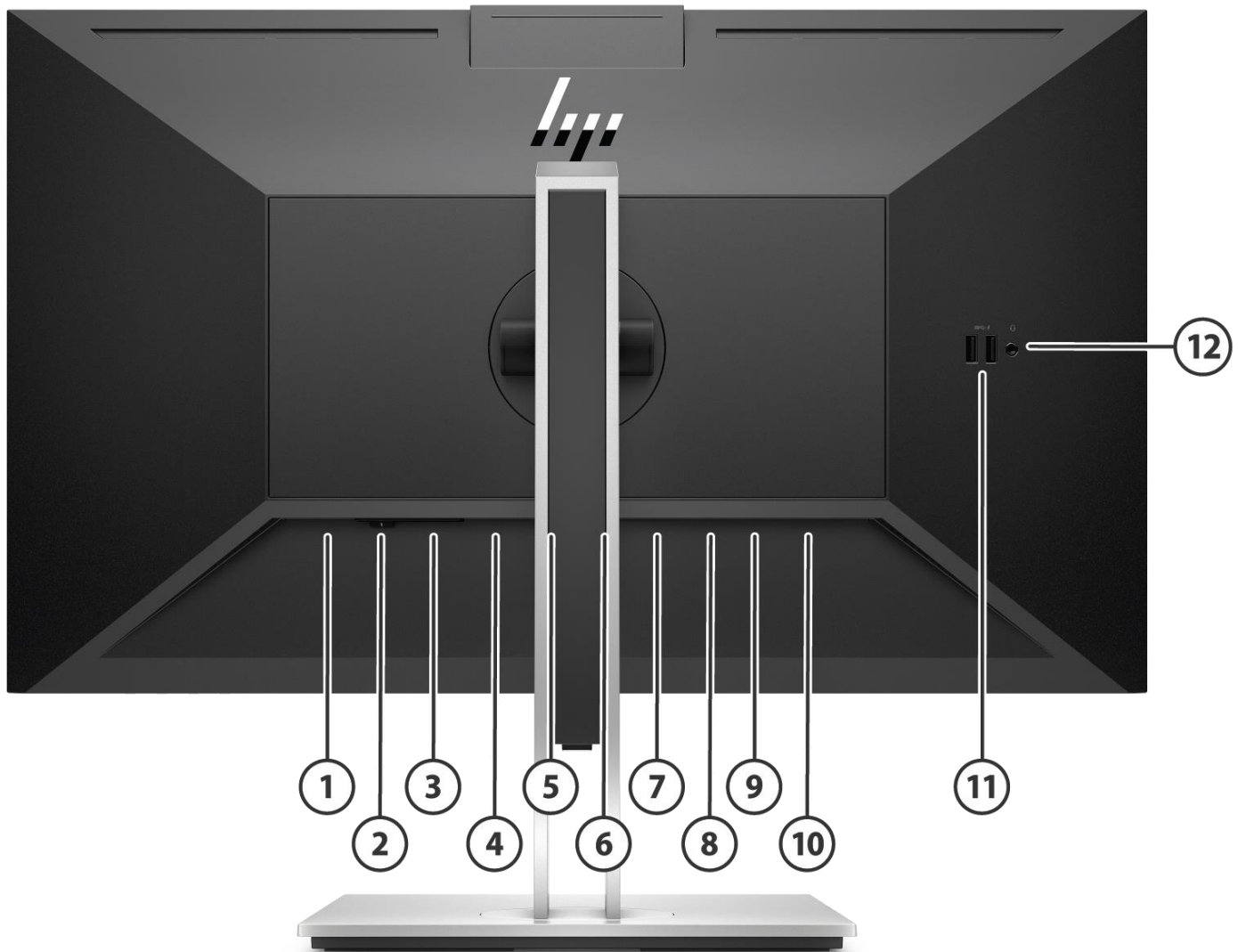


Front

- | | |
|--------------------|------------------------------------|
| 1. Microphones (2) | 5. IR Lens |
| 2. Camera Light | 6. OSD Buttons |
| 3. RGB Lens | 7. Power Button (With power light) |
| 4. IR Lights | |

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- Back**
- | | | | |
|----|--|-----|--|
| 1. | Security Cable Slot | 7. | DisplayPort™ OUT connector |
| 2. | Master Power Switch | 8. | USB Type-C™ downstream port |
| 3. | Power Connector | 9. | RJ-45 (Network) Jack |
| 4. | HDMI Port | 10. | USB SuperSpeed Ports (2) |
| 5. | DisplayPort™ connector | 11. | USB SuperSpeed Ports (2) |
| 6. | USB Type-C™ Port (Connect to Notebook) | 12. | Audio-Out (Headphone)/Audio-in (Microphone) Combo Jack |

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Models: *Product reference 6PA50AA HP E24D G4 FHD Advanced Docking Monitor was changed by December 2020 to 6PA50A4 HP E24D G4 FHD USB-C Docking Monitor.

Panel Specifications	Display Size (Diagonal)	23.8-in
	Display Panel Type	IPS
	Micro-Edge Bezel	Yes, 3-sided
	Native Resolution/Timing	1920 x 1080 @60Hz
	Native Resolution	USB Type C™
	Panel Bit Depth	8-bit (16.7million color)
	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)	5M:1
	Flicker Free	Yes
	Pixel Pitch	0.2745 (H) × 0.2745(V)
	Pixels Per Inch (PPI)	92.5
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes (Haze 25%)
	Response Time - Typical	5ms
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Panel Active Area (w x h)	527.04(H) × 296.46(V) mm
	Preset Graphic Modes/Supported Resolutions	640 × 480 @60Hz 720 × 400 @70Hz 800 × 600 @60Hz 1024 × 768 @60Hz 1280 × 720 @60Hz 1280 x 800 @60 HZ 1280 × 1024@60Hz 1440 × 900 @60Hz 1600 × 900 @60Hz 1680 × 1050 @60Hz 1920 × 1080 @60Hz
	Maximum Resolution	1920 × 1080 @60Hz
	Recommended Resolution	1920 × 1080 @60Hz
	Vertical Scan Range	50-60Hz
	Horizontal Scan Range	30-80kHz
	Default Color Temperature	Neutral (6500K)

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

Color Gamut Coverage	NTSC	≥CIE1931 NTSC 72% & ≥CIE1976 NTSC 83%
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Color Management	Factory Color Presets	Neutral
	Color Space / Subsampling Support	RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2
	Default Color Temperature	Neutral (6500 K)
	Low Blue Light Modes	Yes
	RGB Channel Adjust	Yes, Gain
	Factory Color Calibrated	Yes (Color Temperature)

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	Factory Color Presets	Warm - 5000K, Neutral - 6500K, Cool - 9300K
Monitor Specifications	Exterior Color of Monitor Bezel and Stand	Black
	Plug & Play	Yes
	Tilt	-5° to +20°
	Swivel	+/-30°
	Pivot	+/-90°
	Height Adjustment Range	150mm
	VESA Mounting	100mm x 100mm
	Security Lock Ready	Yes
	Detachable Base	Yes, ships detached
	Warranty	3-3-0 US/JP/AP/EU 3-3-3 AP/PRC
	Low Blue Light	Yes, HP Eye Ease (TUV Low Blue Light Hardware Solution Certified)* <i>*Product Reference 6PA50AA HP E24d G4 FHD Advanced Docking Monitor is built-in software low blue light, only 6PA50A4 HP E24d G4 FHD USB-C Docking Monitor is built-in HP Eye Ease.</i>
Multimedia	Webcam	Yes, 1080p FHD
	Infra-Red Sensors	Yes, 1
	Windows Hello Compatible	Yes
	Microphone	Yes
On Screen Display (OSD)	On Screen Display User Controls	Brightness+, Color, Image, Input, Power, Menu, Management, Information (Power delivery up to 15W)
	Monitor Control Buttons or Switches	Menu, Minus ("-")/Information, Plus ("+") /Viewing Mode, OK/Next Active Input, Power
	User-Assignable Function Buttons	Yes, 3 (6 Options)
	Languages	10 (German, Dutch, T-Chinese and S-Chinese, English, Spanish, French, Italian, Japanese, Portuguese)
Connector Types	DisplayPort™	1 DisplayPort™ 1.2 in 1 DisplayPort™ 1.2 out
	HDMI	1 HDMI1.4
	USB Type-C™	1 USB Type C™ upstream (Power delivery up to 100 W) 1 USB Type C™ downstream
	HDCP support	Yes
	Audio Output	1 Headset / Microphone
	Ethernet	Yes
USB Port Specifications	USB Version	3.0
	USB Hub	Yes
	Downstream Ports	5 Ports
	Upstream Ports	1 Port
	Fast Charging USB Ports	4 Ports (Rear, Side) (USB-A)
	Power Output Maximum	Fast Charging: 7.5 W
USB-Type C™ Port Specifications	USB-Type C™ Version	USB 3.1 Gen1 / 5G bps
	USB-Type C™ Hub	Yes
	Downstream USB-Type C™ Ports	1 Port
	Upstream USB-Type C™ Ports	1 Port

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	Video Support	USB-C Alt mode -DP v1.2				
	Power Output	5V/9V/12V/15V/20V, 5A				
	Power Output Maximum	Up to 100 W				
Special Features	User Presets	Yes				
	User Updateable Firmware	Yes				
Power & Operating Specs	Power Supply	Internal				
	Power Source	100 – 240 VAC 50/60 Hz				
	Power Consumption - Maximum	175 W				
	Energy Saving/Standby Mode	0.5 W				
	Power Consumption - Typical	70 W				
	Power cable length	1.9 m				
EU Energy Efficiency Class (ERP Lot-5)	On-mode Power Consumption	18 W				
	Annual Power Consumption	26 kWh				
	Energy Efficiency Class	D				
	Visible Screen Size	23.8" / 60,5 cm Diagonal				
Operating Conditions	Operating Temperature - Celsius	5° – 35°C				
	Operating Temperature - Fahrenheit	41°C – 95°F				
	Non-operating Temperature - Celsius	–34° – 60°C				
	Non-operating Temperature - Fahrenheit	–29° – 140°F				
	Operating Humidity	20 – 80% Relative Humidity (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 backlighting	Yes, Mercury-free LED backlighting				
	Arsenic-Free Display Glass	Yes				
	Low Halogen*	Yes GSE HP-00011-01B, table 2 defines low-halogen (BFR, CFR, PVC) NOTE: External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.				
	Agency Approvals and Certifications	WW certificate CE, CB, KC/KCC/NOM/ISO 9241-307/ EAC/TUV-GS/cTUVus/PSB/CCC/CEL/ISC/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE/BIS/CEC/E-Standby/Low Blue Light/CECP/TUV-S/CECP				
	Microsoft WHQL Certification	Win 11, Win 10, Win 8, Win 7				
	China Energy Label	CEL Grade 1				
	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.					
	NOTE: DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.					
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	<table border="0"> <thead> <tr> <th>Metric</th> <th>Imperial</th> </tr> </thead> <tbody> <tr> <td>53.94 x 20.68 x 48.64 cm</td> <td>21.24 x 8.14 x 19.15 in</td> </tr> </tbody> </table>	Metric	Imperial	53.94 x 20.68 x 48.64 cm	21.24 x 8.14 x 19.15 in
Metric	Imperial					
53.94 x 20.68 x 48.64 cm	21.24 x 8.14 x 19.15 in					

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	Product Dimensions (Packed) (W x D x H)	64.6 x 26.9 x 43.8 cm	25.43 x 10.59 x 17.24 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	53.94 x 4.85 x 32.33 cm	21.24 x 1.91 x 12.73 in
	Base Area Footprint** (w x d mm)	219.9 x 189.9 mm	8.65 x 7.47 in
	**Base Area Footprint sizes for "6PA50AA HP E24d G4 FHD Advanced Docking Monitor" are: 259.8 x 206.8 (mm) / 10.2 x 8.14 (in)		
	Bezel Measurements	Bottom 19.73 mm (display chin)	Bottom 0.68 in (display chin)
	Product Weight (Unpacked with stand)	6.86 kg	15.13 lb
	Product Weight (Packed)	11.5 kg	25.4 lb
	Product Weight (Head Only)	4.1 kg	9.04 lb
Pallet Information	Pallet Dimensions (L x W x H)	1324 x 1140 x 120 mm	52.13 x 44.88 x 4.72 in
	Pallet Total Weight (L x W x H)	40" GQ: 384 kg 40" HQ: 476 kg	40" GQ: 847 lbs 40" HQ: 1050 lbs
	Pallet Layers	GQ: 4 HQ: 5	
	Pallet Product per Layer	8	
	Total Products per Pallet	GQ: 32 HQ: 40	
	Container Load, 20-Foot	Wood pallet: 272 Slip sheet: 340	
	Container Load, 40-Foot	Wood pallet: 576 Slip sheet: 720	
	Container Load, 40-Foot HighQ	Wood pallet: 720 Slip sheet: 720	
Software Included	HP Display Assistant		
What's in the box?	1 HDMI 2.0	(1.8 m) 5.9 ft	
	1 DisplayPort™ (DisplayPort™ 1.2)	(1.8 m) 5.9 ft	
	1 USB-C (USB3 Gen1)	(1.8 m) 5.9 ft	
	1 Power Cord	(1.9 m) 6.2 ft	
	1 QSP		
	1 Doc-Kit		
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, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.	

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Summary

Change Log

Change Log			
February 21, 2020	V1 to V2	Updated	Panel and What's in the box sections
September 2, 2020	V2 to V3	Updated	Webcam
March 15, 2021	V3 to V4	Added	Low Blue Light; update Models
March 17, 2021	V4 to V5	Update	Energy Efficiency Class
April 1, 2021	V5 to V6	Update	Product Dimension
April 13, 2021	V6 to V7	Update	VESA Mounting Specs
May 27, 2021	V7 to V8	Update	Product Description and Base Are Footprint/Add HP Blue Light Eye footnote
April 13, 2023	V8 to V9	Updated	Color Management section
December 21, 2023	V9 to V10	Added	Windows 11
	V10 to V11		