

### Technical Specifications

#### HP E24d G4 FHD Advanced Docking Monitor

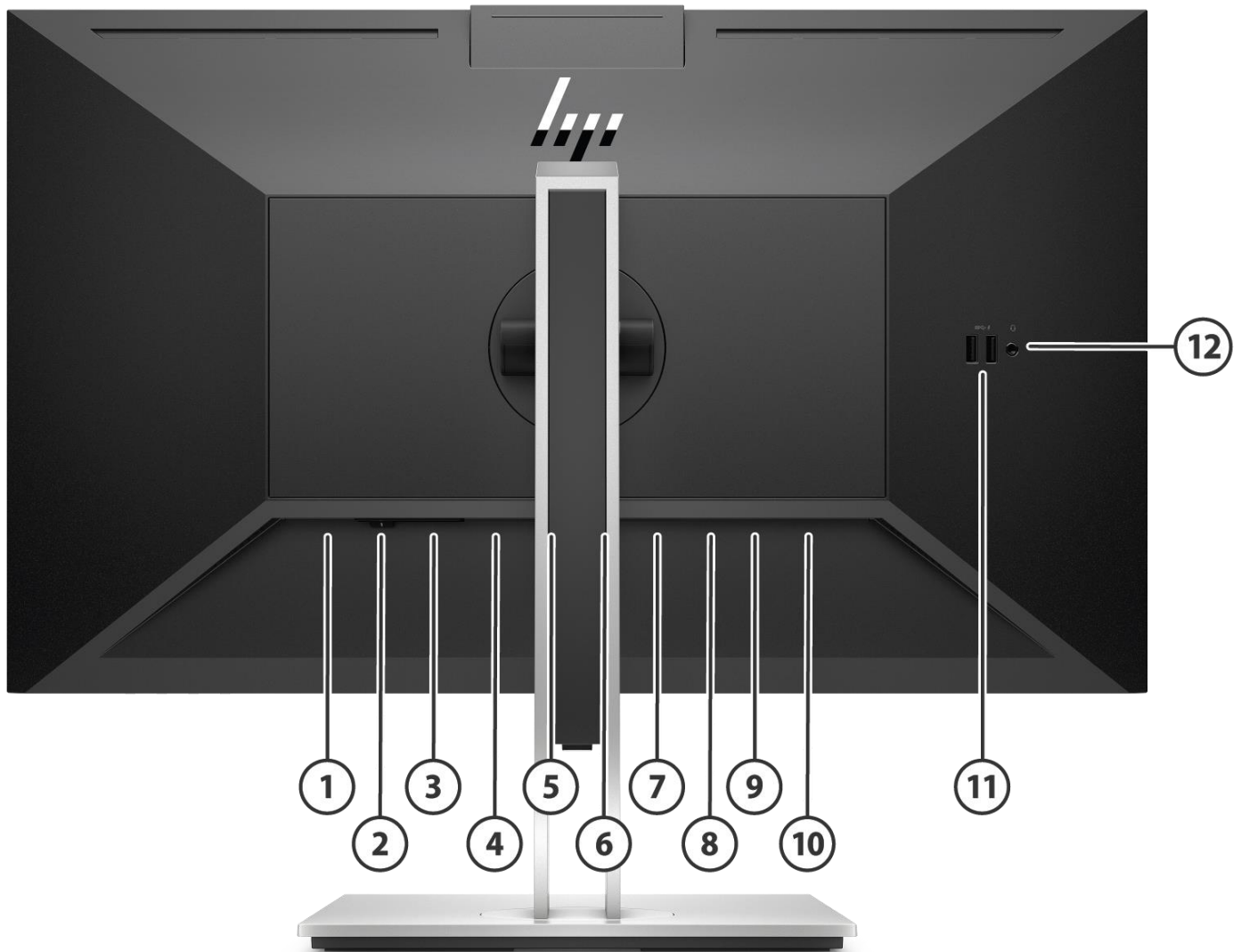


#### Front

- |                    |                                    |
|--------------------|------------------------------------|
| 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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1. Security Cable Slot
2. Master Power Switch
3. Power Connector
4. HDMI Port
5. DisplayPort™ connector
6. USB Type-C™ Port (Connect to Notebook)

#### Back

7. DisplayPort™ OUT connector
8. USB Type-C™ downstream port
9. RJ-45 (Network) Jack
10. USB SuperSpeed Ports (2)
11. USB SuperSpeed Ports (2)
12. Audio-Out (Headphone)/Audio-in (Microphone) Combo Jack

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**Models:** 6PA50A8/6PA56AA

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b> 23.8-in <b>Display Panel Type</b> IPS <b>Micro-Edge Bezel</b> Yes, 3-sided <b>Native Resolution/Timing</b> 1920 x 1080 @60Hz <b>Native Resolution</b> USB Type C™ <b>Panel Bit Depth</b> 8-bit (16.7million color) <b>Aspect Ratio</b> 16:9 <b>Brightness - Typical</b> 250 cd/m <sup>2</sup> <b>Static Contrast Ratio - Typical</b> 1000:1 <b>Static Contrast Ratio - Minimum</b> 700:1 <b>Dynamic Contrast Ratio (DCR)</b> 5M:1 <b>Flicker Free</b> Yes <b>Pixel Pitch</b> 0.2745 (H) x 0.2745(V) <b>Pixels Per Inch (PPI)</b> 92.5 <b>Backlight Lamp Life (to half brightness - in hours)</b> 30k minimum <b>Anti-Glare Panel</b> Yes (Haze 25%) <b>Response Time - Typical</b> 5ms <b>Horizontal Viewing Angle (typical CR&gt;10)</b> 178° <b>Vertical Viewing Angle (typical CR&gt;10)</b> 178° <b>Panel Active Area (w x h)</b> 527.04(H) x 296.46(V) mm <b>Preset Graphic Modes/Supported Resolutions</b> 640 x 480 @60Hz 720 x 400 @70Hz 800 x 600 @60Hz 1024 x 768 @60Hz 1280 x 720 @60Hz 1280 x 800 @60 Hz 1280 x 1024@60Hz 1440 x 900 @60Hz 1600 x 900 @60Hz 1680 x 1050 @60Hz 1920 x 1080 @60Hz  <b>Maximum Resolution</b> 1920 x 1080 @60Hz <b>Recommended Resolution</b> 1920 x 1080 @60Hz <b>Vertical Scan Range</b> 50-60Hz <b>Horizontal Scan Range</b> 30-80kHz <b>Default Color Temperature</b> Neutral (6500K)
	<p>NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</p>
<b>Color Gamut Coverage</b>	<b>NTSC</b> ≥CIE1931 NTSC 72% & ≥CIE1976 NTSC 83%
<b>Color Management</b>	<b>Factory Color Presets</b> Neutral <b>Color Space / Subsampling Support</b> RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2 <b>Default Color Temperature</b> Neutral (6500 K) <b>Low Blue Light Modes</b> Yes <b>RGB Channel Adjust</b> Yes, Gain

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<b>Monitor Specifications</b>	<b>Exterior Color of Monitor Bezel and Stand</b>	Black
	<b>Plug &amp; Play</b>	Yes
	<b>Tilt</b>	-5° to +20°
	<b>Swivel</b>	+/-30°
	<b>Pivot</b>	+/-90°
	<b>Height Adjustment Range</b>	150mm
	<b>VESA Mounting</b>	Yes, 100 mm with integrated mount or with included bracket
	<b>Security Lock Ready</b>	Yes
	<b>Detachable Base</b>	Yes, ships detached
	<b>Warranty</b>	3-3-0 US/JP/AP/EU 3-3-3 AP/PRC
<b>Multimedia</b>	<b>Webcam</b>	Yes
	<b>Infra-Red Sensors</b>	Yes, 1
	<b>Windows Hello Compatible</b>	Yes
	<b>Microphone</b>	Yes
<b>On Screen Display (OSD)</b>	<b>On Screen Display User Controls</b>	Brightness+, Color, Image, Input, Power, Menu, Management, Information (Power delivery up to 15W)
	<b>Monitor Control Buttons or Switches</b>	Menu, Minus ("-")/Information, Plus ("+") /Viewing Mode, OK/Next Active Input, Power
	<b>User-Assignable Function Buttons</b>	Yes, 3 (6 Options)
	<b>Languages</b>	10 (Dutch, T-Chinese and S-Chinese, English, Spanish, French, Italian, Japanese, Netherlands, Portuguese)
<b>Connector Types</b>	<b>DisplayPort™</b>	1 DisplayPort™ 1.2 in 1 DisplayPort™ 1.2 out
	<b>HDMI</b>	1 HDMI1.4
	<b>USB Type-C™</b>	1 USB Type C™ upstream (Power delivery up to 100 W) 1 USB Type C™ downstream
	<b>HDCP support</b>	Yes
	<b>Audio Output</b>	1 Headset / Microphone
	<b>Ethernet</b>	Yes
	<b>USB Port Specifications</b>	<b>USB Version</b>
<b>USB-Type C™ Port Specifications</b>	<b>USB Hub</b>	Yes
	<b>Downstream Ports</b>	5 Ports
	<b>Upstream Ports</b>	1 Port
	<b>Fast Charging USB Ports</b>	4 Ports (Rear, Side) (USB-A)
	<b>Power Output Maximum</b>	Fast Charging: 7.5 W
<b>USB-Type C™ Port Specifications</b>	<b>USB-Type C™ Version</b>	USB 3.1 Gen1 / 5G bps
	<b>USB-Type C™ Hub</b>	Yes
	<b>Downstream USB-Type C™ Ports</b>	1 Port
	<b>Upstream USB-Type C™ Ports</b>	1 Port
	<b>Video Support</b>	USB-C Alt mode -DP v1.2
	<b>Power Output</b>	5V/9V/12V/15V/20V, 5A
<b>Power Output Maximum</b>	Up to 100 W	
<b>Special Features</b>	<b>User Presets</b>	Yes
	<b>User Updateable Firmware</b>	Yes

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<b>Power &amp; Operating Specs</b>	<b>Power Supply</b>	Internal
	<b>Power Source</b>	100 – 240 VAC 50/60 Hz
	<b>Power Consumption - Maximum</b>	175 W
	<b>Energy Saving/Standby Mode</b>	0.5 W
	<b>Power Consumption - Typical</b>	70 W
	<b>Power cable length</b>	1.9 m
<b>EU Energy Efficiency Class (EC1062)</b>	<b>On-mode Power Consumption (EC 1062/2010)</b>	18 W
	<b>Annual Power Consumption (EC 1062/2010)</b>	26 kWh
	<b>Energy Efficiency Class (EC 1062/2010)</b>	A+
	<b>Visible Screen Size</b>	23.8" / 60,5 cm Diagonal
<b>Operating Conditions</b>	<b>Operating Temperature - Celsius</b>	5° – 35°C
	<b>Operating Temperature - Fahrenheit</b>	41°C – 95°F
	<b>Non-operating Temperature - Celsius</b>	–34° – 60°C
	<b>Non-operating Temperature - Fahrenheit</b>	–29° – 140°F
	<b>Operating Humidity</b>	20 – 80% Relative Humidity (non-condensing)
	<b>Non-operating Humidity</b>	5 – 95%
	<b>Operating Altitude</b>	0 – 5,000 m (16,400 ft.)
	<b>Non-operating Altitude</b>	0 – 12,192 m (40,000 ft.)
<b>Environmental Features and Certifications</b>	<b>Mercury-free LED display backlighting</b>	Yes, Mercury-free LED backlighting
	<b>Arsenic-Free Display Glass</b>	Yes
	<b>Low Halogen*</b>	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.
	<b>Agency Approvals and Certifications</b>	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
	<b>Microsoft WHQL Certification</b>	Win 10, Win 8, Win 7
	<b>China Energy Label</b>	CEL Grade 1
	<b>SmartWay Transport Partnership - NA only</b>	Yes (NA SKU)

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Note: DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

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		<b>Metric</b>	<b>Imperial</b>	
<b>Unit Product/Package Specifications</b>	<b>Product Dimensions</b> (Unpacked with stand) (W x D x H)	53.94 x 49.44 x 4.85 cm	21.24 x 19.46 x 1.91 in	
	<b>Product Dimensions</b> (Packed) (W x D x H)	64.6 x 43.8 x 26.9 cm	25.43 x 17.24 x 10.59 in	
	<b>Display Head Dimensions</b> (Unpacked without stand) (W x D x H)	53.94 x 32.33 x 4.85 cm	21.24 x 12.73 x 1.91 in	
	<b>Base Area Footprint</b> (w x d mm)	219.76 x 189.76 mm	86.52 x 74.71 in	
	<b>Bezel Measurements</b>	Bottom 19.73 mm (display chin)	Bottom 0.68 in (display chin)	
	<b>Product Weight</b> (Unpacked with stand)	6.86 kg	15.13 lb	
	<b>Product Weight</b> (Packed)	11.5 kg	25.4 lb	
	<b>Product Weight</b> (Head Only)	4.1 kg	9.04 lb	
	<b>Pallet Information</b>	<b>Pallet Dimensions</b> (L x W x H)	1324 x 1140 x 120 mm	52.13 x 44.88 x 4.72 in
		<b>Pallet Total Weight</b> (L x W x H)	40" GQ: 384 kg 40" HQ: 476 kg	40" GQ: 847 lbs 40" HQ: 1050 lbs
<b>Pallet Layers</b>		GQ: 4 HQ: 5		
<b>Pallet Product per Layer</b>		8		
<b>Total Products per Pallet</b>		GQ: 32 HQ: 40		
<b>Container Load, 20-Foot</b>		Wood pallet: 272 Slip sheet: 340		
<b>Container Load, 40-Foot</b>		Wood pallet: 576 Slip sheet: 720		
<b>Container Load, 40-Foot HighQ</b>		Wood pallet: 720 Slip sheet: 720		
<b>Software Included</b>		HP Display Assistant		
<b>What's in the box?</b>		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			
<b>User Guide and Warranty Languages</b>	<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.		

### *Technical Specifications*

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### Summary

<b>Change Log</b>			
February 21, 2020	V1 to V2	Updated	Panel and What 's in the box sections