

Technical Specifications

HP E27d G4 QHD USB-C Docking Monitor*

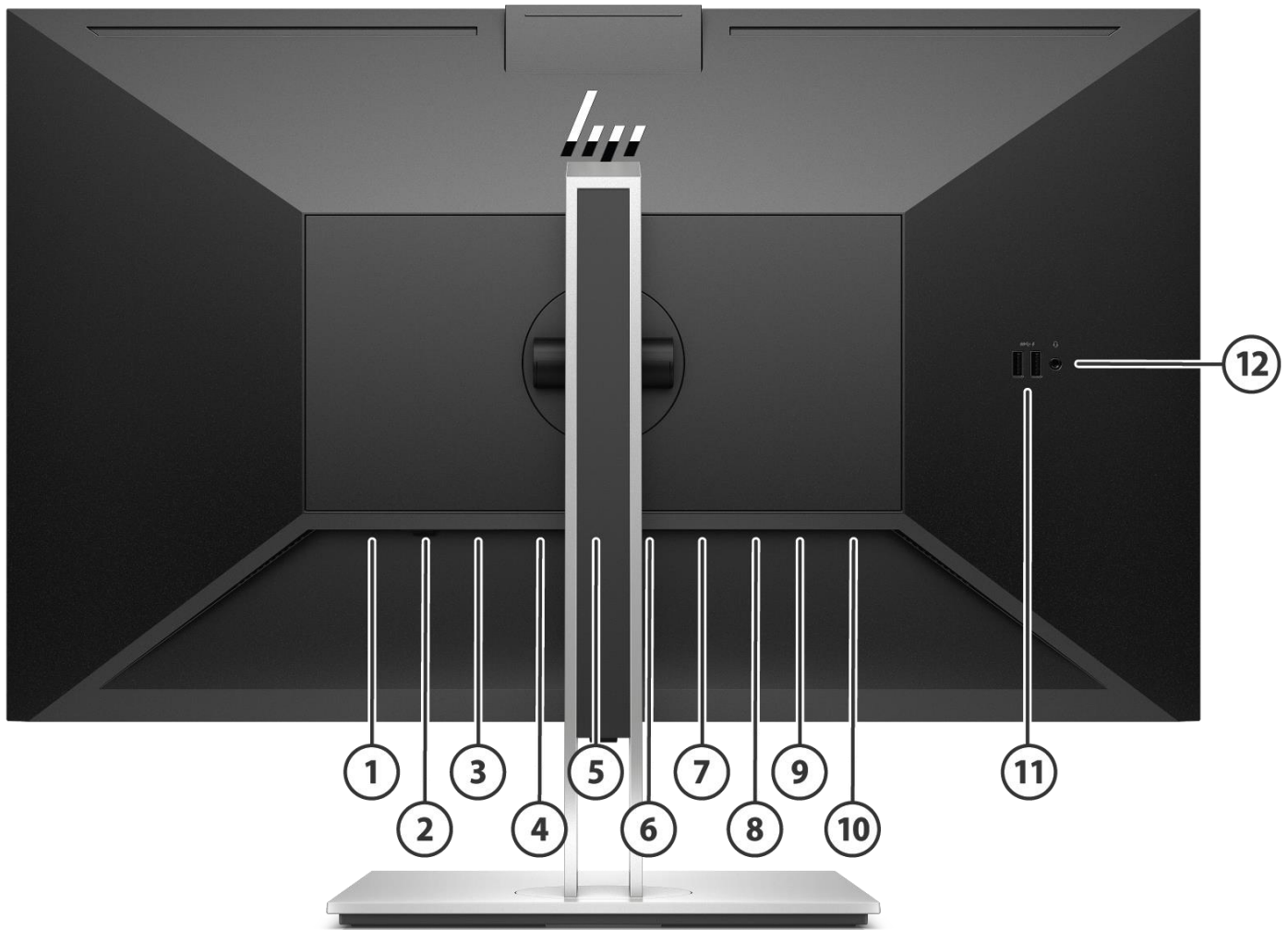


Front

- | | |
|--------------------|------------------------------------|
| 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 6PA56AA HP E27D G4 QHD Advanced Docking Monitor was changed by December 2020 to 6PA56A4 HP E27D G4 QHD USB-C Docking Monitor.

Panel Specifications	Display Size (Diagonal)	27-in
	Display Panel Type	IPS
	Micro-Edge Bezel	Yes, 3-sided
	Native Resolution/Timing	2560 x 1440 @60Hz
	Native Resolution	USB Type C™
	Panel Bit Depth	8-bit (16.7million color)
	Aspect Ratio	16:9
	Brightness - Typical	300 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	0.2331(H) x 0.2331(V)
	Pixels Per Inch (PPI)	109
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes
	Response Time - Typical	5 ms
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Panel Active Area (w x h)	596.736(H) x 335.664(V) mm
	Preset Graphic Modes/Supported Resolutions	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 2560 x 1080 @60Hz 2560 x 1440 @60Hz
	Maximum Resolution	2560 x 1440 @60Hz
	Recommended Resolution	2560 x 1440 @60Hz
	Vertical Scan Range	48-75 Hz
	Horizontal Scan Range	30-90 kHz
	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	sRGB	99% sRGB
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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
Monitor Specifications	Exterior Color of Monitor Bezel and Stand	Black
	Plug & Play	Yes
	Tilt	-5° to +20°
	Swivel	+/-30°
	Pivot	+/-90°
	Height Adjustment Range	150 mm
	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)* *Product Reference 6PA56AA HP E27d G4 QHD Advanced Docking Monitor is built-in software low blue light, only 6PA56A4 HP E27d G4 QHD USB-C Docking Monitor is built-in HP Eye Ease.
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
	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 HDMI 1.4
	USB Type-C™	1 USB Type C™ upstream (Power delivery up to 100 W) 1 USB Type C™ downstream (Power delivery up to 15 W)
	HDCP support	Yes
	Audio Output	1 Headset / Microphone
	Ethernet	Yes
	USB Port Specifications	USB Version
	USB Hub	Yes
	Downstream Ports	5 Ports

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	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 Gen2 / 10G bps
	USB-Type C™ Hub	Yes
	Downstream USB-Type C™ Ports	1 Port
	Upstream USB-Type C™ Ports	1 Port
	Video Support	USB-C™ Alt mode - DisplayPort™ v1.4 / 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	80 W
	Power cable length	1.9 m
EU Energy Efficiency Class (ERP Lot-5)	On-mode Power Consumption	30 W
	Annual Power Consumption	43 kWh
	Energy Efficiency Class	E
	Visible Screen Size	27" / 68,6 cm Diagonal
Operating Conditions	Operating Temperature - Celsius	5° – 35°C
	Operating Temperature - Fahrenheit	41°C – 95°F
	Non-operating Temperature - Celsius	–20° – 60°C
	Non-operating Temperature - Fahrenheit	–4° - 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

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Microsoft WHQL Certification	MEPS/Australian-New Zealand MEPS/WEEE/BIS/CEC/E- Standby/Low Blue Light/CECP/TUV-S/CECP
China Energy Label	Win 10, Win 8, Win 7
SmartWay Transport Partnership - NA only	CEL Grade 1 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.

		Metric	Imperial
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	61.36 x 21.56 x 52.59cm	24.16 x 8.49 x 20.7 in
	Product Dimensions (Packed) (W x D x H)	69.6 x 27.5 x 46.9 cm	27.4 x 10.83 x 18.46 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	61.36 x 4.85 x 36.6cm	24.16 x 1.91 x 14.41 in
	Base Area Footprint** (w x d mm)	239.9 x 200 mm	9.44 x 7.87 in
	**Base Area Footprint sizes for "6PA56AA HP E27d G4 QHD Advanced Docking Monitor" are: 287.8 x 215.6 (mm) / 11.3 x 8.49 (in)		
	Bezel Measurements	Bottom 21.0 mm (display chin)	Bottom 0.83 in (display chin)
	Product Weight (Unpacked with stand)	8.2 kg	18.08 lb
	Product Weight (Packed)	13.3 kg	29.3 lb
	Product Weight (Head Only)	5.5 kg	12.1 lb
	Pallet Information	Pallet Dimensions (L x W x H)	1140 x 730 x 120 mm
Pallet Total Weight (L x W x H)		40" GQ: 223 kg	40" GQ: 492 lbs
		40" HQ: 276 kg	40" HQ: 609 lbs
Pallet Layers		GQ: 4	
		HQ: 5	
Pallet Product per Layer		4	
Total Products per Pallet		GQ: 16	
		HQ: 20	
Container Load, 20-Foot		Wood pallet: 256 Slip sheet: 256	
Container Load, 40-Foot		Wood pallet: 512 Slip sheet: 512	
Container Load, 40-Foot HighQ	Wood pallet: 640 Slip sheet: 640		
Software Included	HP Display Assistant		

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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 Gen2)	(1 m)
	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
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 Area Footprint/ Add HP Blue Light Eye footnote
	V8 to V9		