

Technical Specifications

HP E24u G4 FHD USB-C Monitor



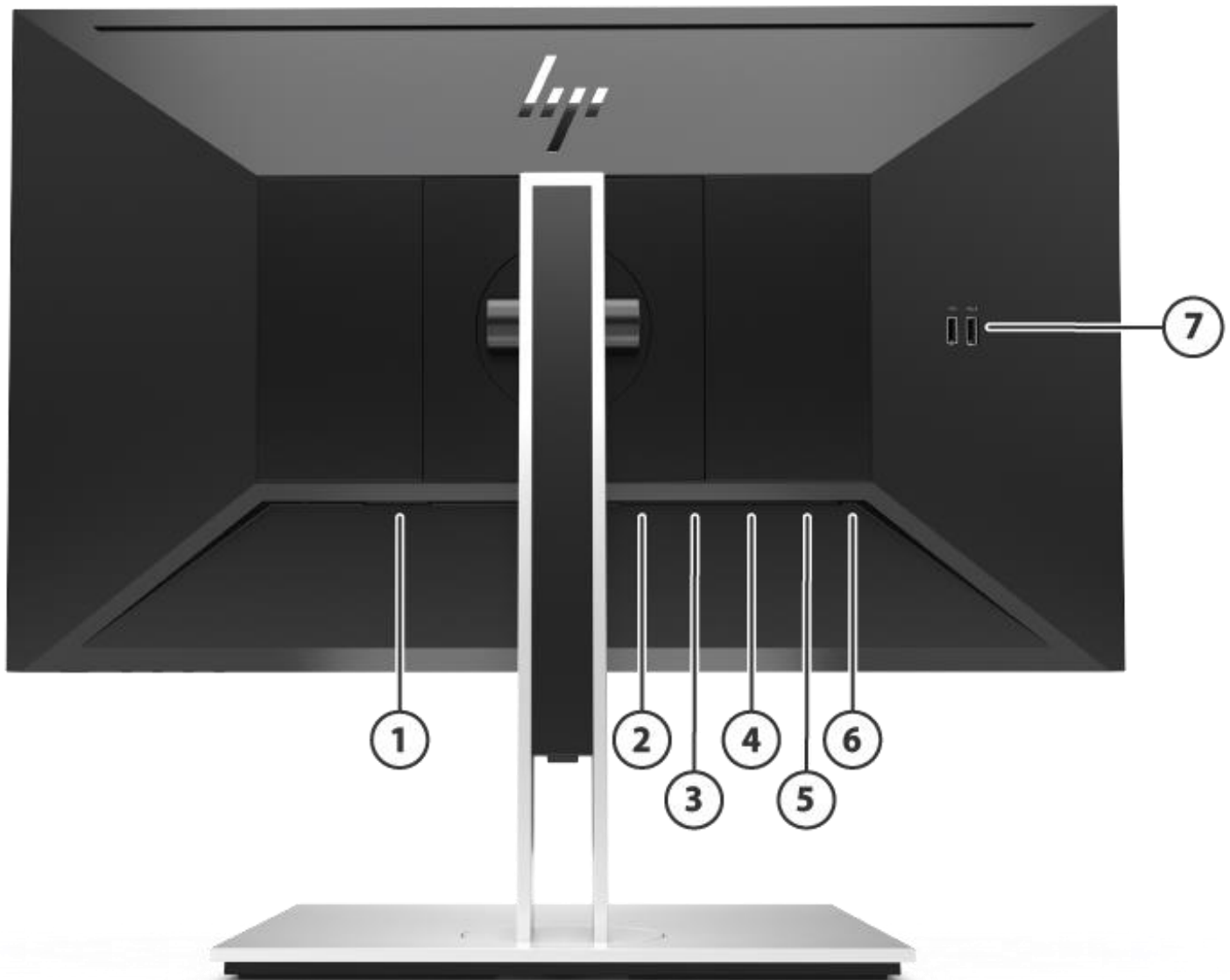
Front

1. OSD Buttons

2. Power Button

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Back

- | | |
|-------------------------------|------------------------------|
| 1. Power Connector | 5. DisplayPort OUT Connector |
| 2. HDMI Port | 6. USB Ports (2) Downstream |
| 3. DisplayPort IN Connector | 7. USB Ports (2) Downstream |
| 4. USB Type-C Port (Upstream) | |

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Models: 189T0AA

Panel Specifications	Display Size (Diagonal)	23.8"
	Panel Technology	IPS
	Curved Panel	No
	Refresh Rate	60 Hz
	Resolution	1920 x 1080 @ 60Hz
	Panel Bit Depth	8 bit (6 bit+FRC)
	Aspect Ratio	16:9
	Brightness (Typical)	250 nits
	Contrast Ratio (Static)	1,000:1
	Dynamic Contrast Ratio	5000000:1
	Flicker Free	Yes
	Pixel Pitch	0.274(H) x 0.274(V)
	Pixels Per Inch (Ppi)	93 PPI
	Backlight Lamp Life Minimum (To Half Brightness - In Hours)	30000 hours
	Screen Treatment	Anti-glare
	Response Time (Typical)	5ms GtG (with overdrive)
	Horizontal Viewing Angle (Typical Cr>10)	178°
	Vertical Viewing Angle (Typical Cr>10)	178°
	Panel Active Area (W X H)	527.04 mm (W) x 296.46 mm (H)
	NOTE: Performance Specifications Represent The Typical Specifications Provided By HP's Component Manufacturers; Actual Performance May Vary Either Higher Or Lower.	
Color	NTSC	72%
Color Management	Color Space/ Subsampling Support	RGB 4:4:4
	Rgb Channel Adjust	Yes, Setup and Gain, downstream from color preset
	Default Color Temperature	Neutral(6500K)
Monitor Specifications	Bezel	3-sided Micro Edge
	Color	Black head, Silver stand
	Tilt	-5 to +23°
	Swivel	±45°
	Pivot	±90
	Height Adjust Range	150mm
	Vesa Mounting	100mm x 100mm
	Security Lock Ready	Standard Security Lock Slot
	Detachable Stand	Yes
	Warranty	Based on region
	Low Blue Light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
	Display Software	HP Display Center
	On Screen Display User Controls	Brightness+, Color, Image, Input, Power, Menu, Management, Information
	Native Resolution	Full HD (1920 x 1080)

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	Maximum Resolution	1920×1080 @ 60Hz
	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 @ 60Hz, 1280 x 1024 @ 60Hz, 1440 x 900 @ 60Hz, 1600 x 900 @ 60Hz, 1680 x 1050 @ 60Hz, 1920 x 1080 @ 60Hz
	Minimum Vertical Scan Rate	50 Hz
	Maximum Vertical Scan Rate	60 Hz
	Minimum Horizontal Scan Rate	30.0 kHz
	Maximum Horizontal Scan Rate	80.0 kHz
	Maximum Pixel Clock	170 MHz
	User-Assignable Function Buttons	4
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	DisplayPort™	1 DisplayPort™ 1.2
	DisplayPort™ Out	1 DisplayPort™ 1.2-out
	HDMI	1 HDMI 1.4
	HDCP	Yes, DisplayPort and HDMI
	USB Type-C™ Video Input	1 USB Type-C™ (DP Alt Mode 1.2, power delivery up to 65W)
	USB- A	4 USB-A 3.2 Gen 1
Special Features	Remote Manageability	Yes
	User Updateable Firmware	Yes
	Single Power On	Yes
Power & Operating Specs	Power Supply	Internal
	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption- Max	131
	Energy Saving/Stand By Mode	0.5
	Power Consumption- Typical	22
EU ENERGY EFFICIENCY CLASS (ERP lot-5)	On-mode Power Consumption	13.7
	Annual Power Consumption	21
	Energy Efficiency Class	D
ENERGY STAR Data	Operational Mode at 100 VAC	13.81
	Operational Mode at 115 VAC	13.83
	Operational Mode at 230 VAC	13.94
Operating Conditions	Operating Temperature - Celsius	5° – 35°C

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	Operating Temperature - Fahrenheit	41° – 95°F	
	Non-Operating Temperature - Celsius	–20° – 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	
	Arsenic-Free Display Glass	Yes	
	Low Halogen	Yes	
		WW application	
		CE,CB,KC/KCC/NOM/PSB/ICE/TUV-S/ISO 9241-307/	
		EAC/UL/CSA/PSB/ISC/CCC/CEL/CECP/SEPA/TCO/TCO	
		Certified Edge/Energy Star/ISC/VCCI/FCC/BSMI/Vietnam	
		MEPS/Australian-New Zealand MEPS/WEEE	
	Agency Approvals And Certifications		
	Microsoft WHQL Certification	Yes	
	ENERGY STAR® Certified	Yes	
EPEAT® Registered*	Yes		
China Energy Label	CEL Grade 1		
TCO Certified Edge	Yes		
TCO Certified	Yes		
SmartWay Transport Partnership - NA only	Yes (NA sku)		
Contains Recycled Plastics	Contains Recycled Plastics	85% recycled content by total weight	
	Recyclable Packaging (Box, packing materials)	100% fiber packaging, cardboard	
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	Metric 53.94 x 20.7 x 49.49 cm	Imperial 21.24 x 8.15 x 19.48 in
	Product Dimensions (Packed) (W x D x H)	61.1 x 39.2 x 22.3 cm	24.06 x 15.43 x 8.78 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	53.94 x 4.7 x 32.33 cm	21.24 x 1.85 x 12.73 in
	Base Area Footprint (w x d mm)	260 x 207 mm	10.24 x 8.15 in
	Bezel Measurements - Metric	Bottom : 19.59 mm	Bottom : 0.77 in
	Product Weight (Unpacked with stand)	6.3kg	13.89 lb
	Product Weight (Packed)	9.0kg	19.84 lb
	Product Weight (Head Only)	3.76 kg	8.27 lb
Software Included	HP Display Center		
What's in the box?	AC power cord (1.9m) 6.2 ft USB-C cable (1.8m)		

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QSP
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			
February 23, 2021	V1 to V2		Techspecs Updated
April 13, 2021	V2 to V3	Update	VESA Mounting Specs
	V3 to V4		