QuickSpecs

Technical Specifications

HP E27u G4 QHD USB-C Monitor

Front

1. OSD Buttons
2. Power Button
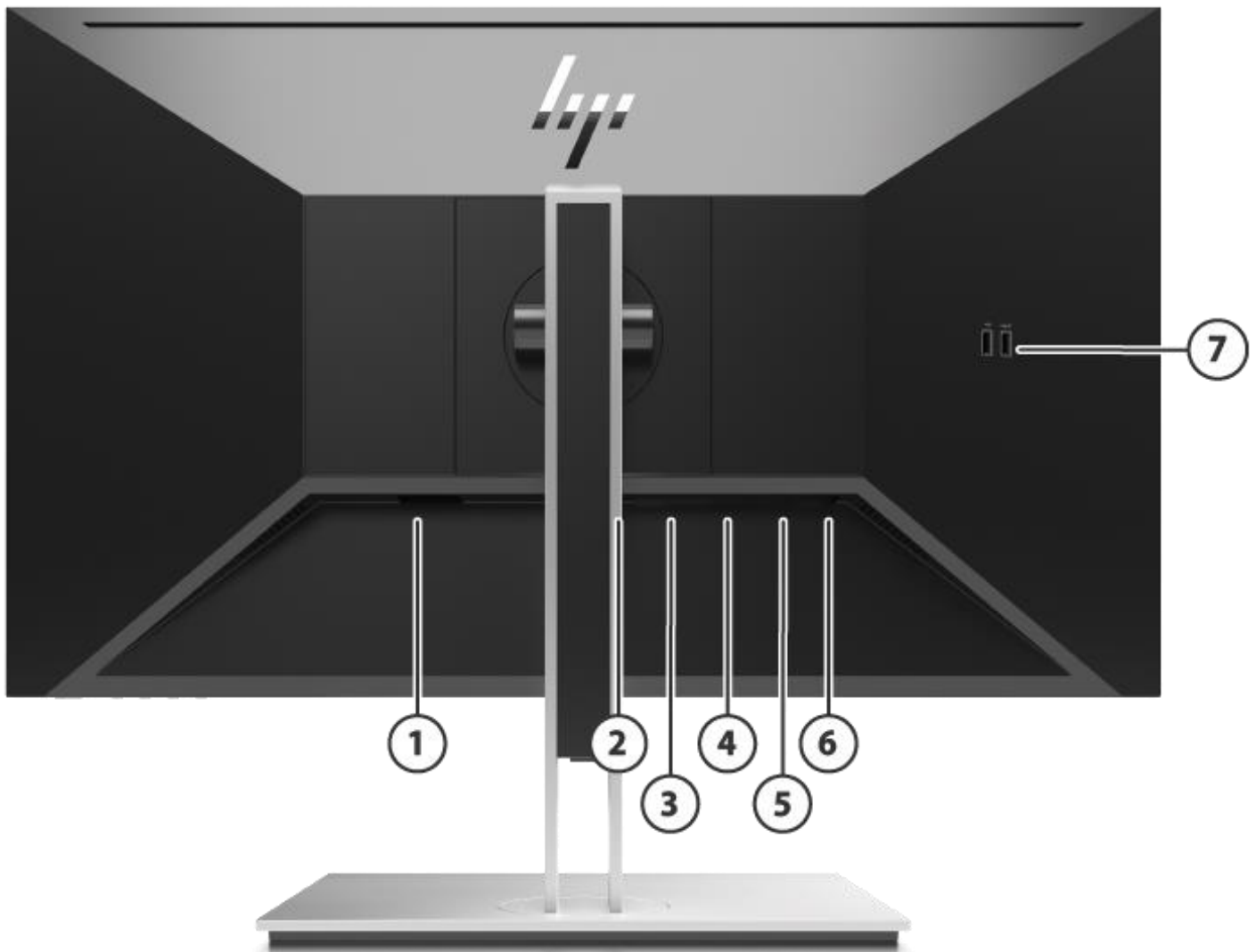
Technical Specifications

HP E27u G4 QHD USB-C Monitor

Back

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

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Models: 189T3AA

Panel Specifications	Display Size (Diagonal)	27"
	Panel Technology	IPS
	Refresh Rate	60 Hz
	Resolution	2560 x 1440 @ 60 Hz
	Panel Bit Depth	8 bit
	Aspect Ratio	16:9
	Brightness (Typical)	250 nits
	Contrast Ratio (Static)	1,000:1
	Dynamic Contrast Ratio	5000000:1
	Flicker Free	Yes
	Pixel Pitch	0.233(H) mm x 0.233(V) mm
	Pixels Per Inch (Ppi)	109 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	sRGB	99%

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	100 mm x 100 mm (bracket included)
	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	QHD (2560 x 1440)
	Maximum Resolution	2560 x 1440 @ 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,

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		1440 x 900 @ 60Hz, 1600 x 900 @ 60Hz, 1600 x 1200 @ 60Hz, 1680 x 1050 @ 60Hz, 1920 x 1080 @ 60Hz, 1920 x 1200 @ 60Hz, 2560 x 1440 @ 60Hz
	Minimum Vertical Scan Rate	50 Hz
	Maximum Vertical Scan Rate	60 Hz
	Minimum Horizontal Scan Rate	30.0 kHz
	Maximum Horizontal Scan Rate	90.0 kHz
	Maximum Pixel Clock	250 MHz
	User-Assignable Function Buttons	Yes, 4 buttons
	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	138
	Energy Saving/Stand By Mode	0.5
	Power Consumption- Typical	30
EU ENERGY EFFICIENCY CLASS (EC1062)	**On-mode Power Consumption (EC 1062/2010)**	20
	Annual Power Consumption (EC 1062/2010)	29
	Energy Efficiency Class (EC 1062/2010)	A+
ENERGY STAR Data	**Operational Mode at 100 VAC**	19.11
	Operational Mode at 115 VAC	19.1
	Operational Mode at 230 VAC	19.2
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	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.)
	Mercury-free LED display backlighting	Yes
	Arsenic-Free Display Glass	Yes

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Environmental Features and Certifications	**Low Halogen**	Yes	
	Agency Approvals And Certifications	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	
	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)	61.33 x 21.58 x 53.59 cm	24.15 x8.50 x 21.10 in
	Product Dimensions (Packed) (W x D x H)	69.5 x 44.4 x 22.5 cm	27.36 x 17.48 x 8.86 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	61.33 x4.88 x 36.67 cm	24.15 x1.92 x 14.44 in
	Base Area Footprint (w x d mm)	287.76 x 215.76 mm	11.33 x 8.50 in
	Bezel Measurements - Metric	bottom 21.17 mm	bottom 0.83 in
	Product Weight (Unpacked with stand)	7.6 kg	16.8 lb
	Product Weight (Packed)	10.7 kg	23.6 lb
	Product Weight (Head Only)	5.01 kg	11.05 lb
Software Included	HP Display Center		
What's in the box?	AC power cord (1.9m) 6.2 ft USB-C cable (1.8m) 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			
January 3, 2021	V1 to V2		Techspecs updated