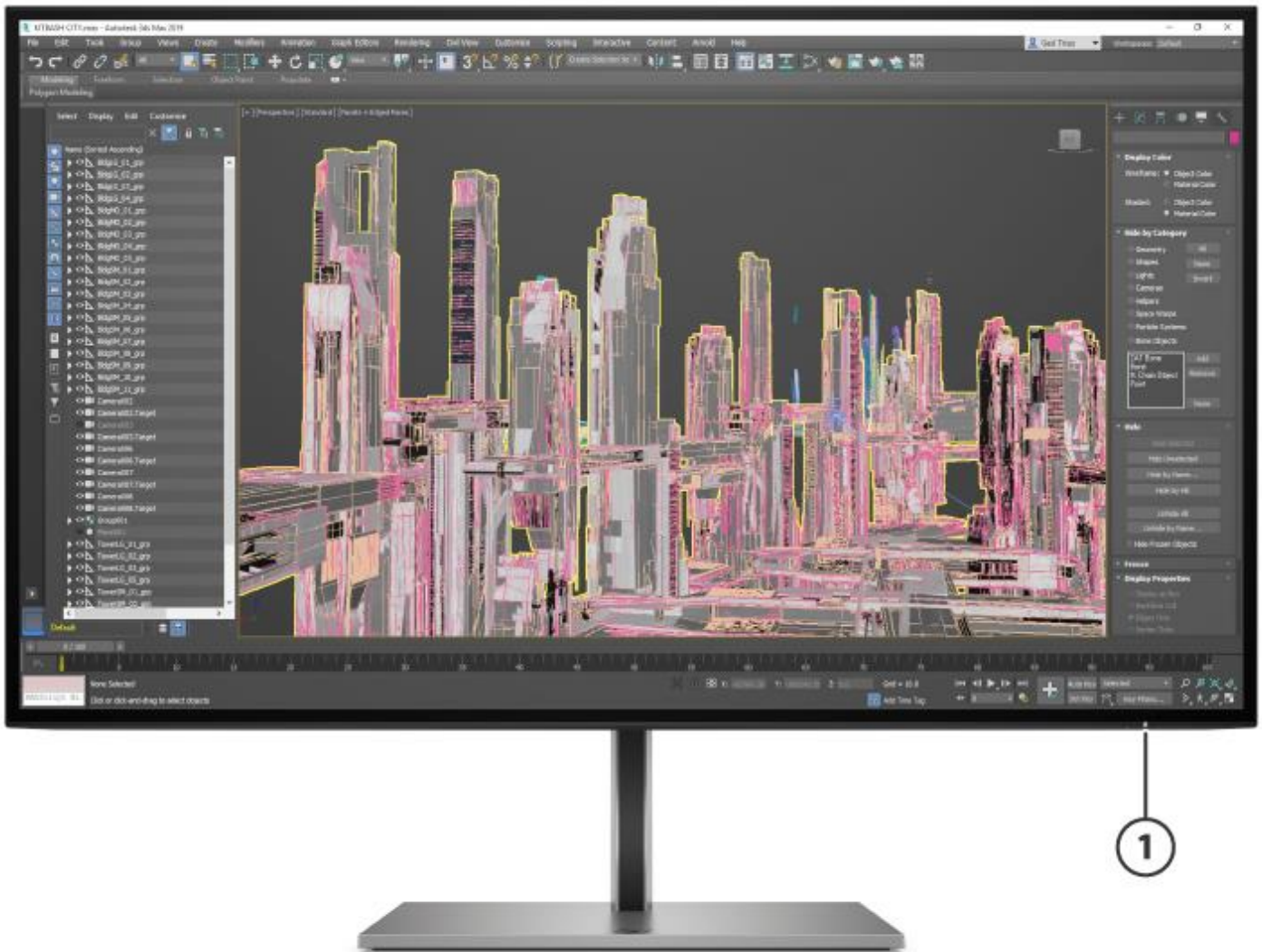


Technical Specifications

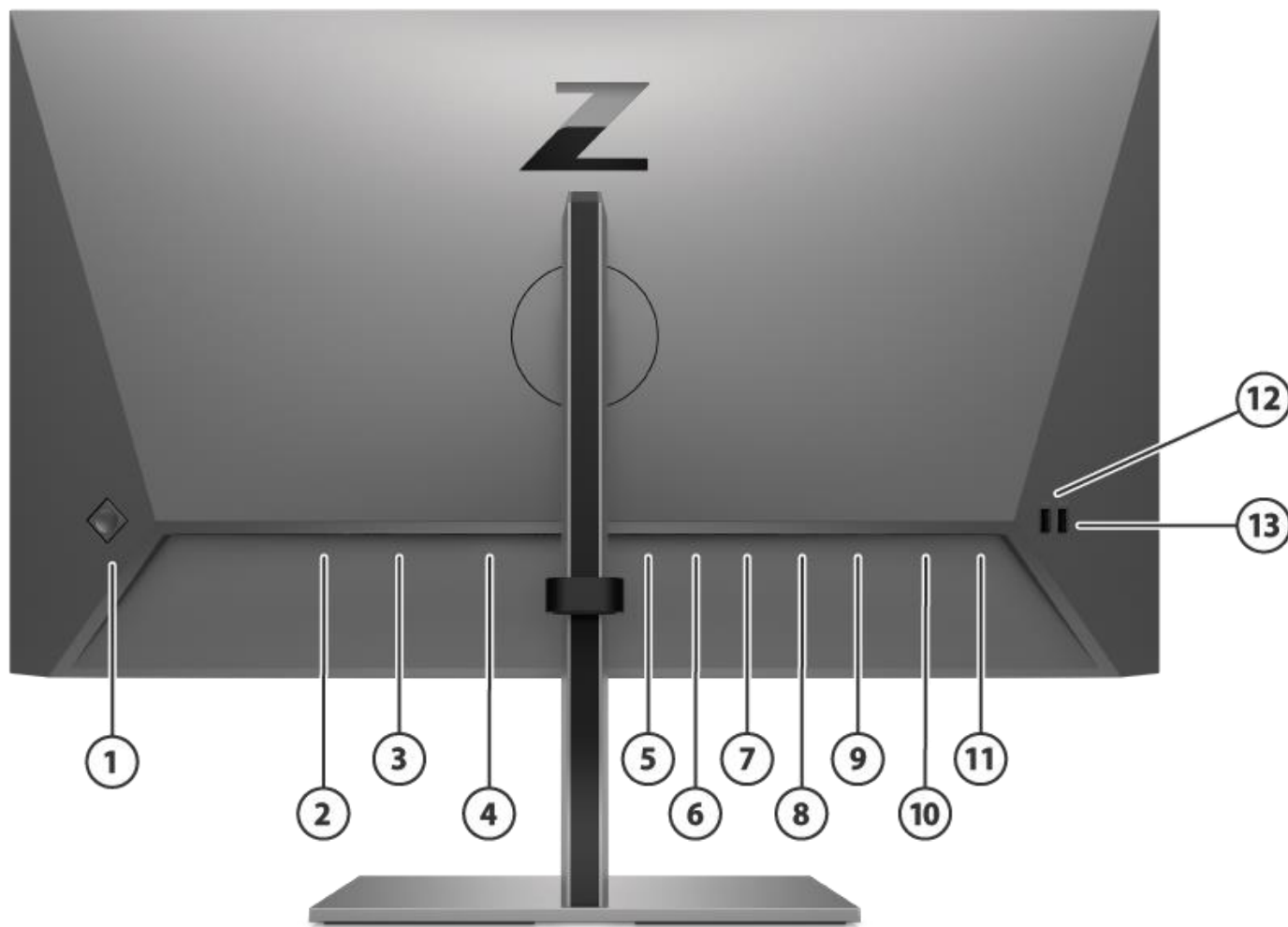


Front

1. Power Button

Technical Specifications

HP Z27u G3 QHD USB-C Display



1. OSD control

2. Security cable slot

3. Master power switch

4. Power connector

5. HDMI port

6. DisplayPort connector

7. DisplayPort connector OUT

Back

8. USB Type-C™ port with DP Alt Mode 1.4, USB upstream data, and maximum power delivery up to 100 W

9. RJ-45 (network) jack

10. USB port

11. USB port (Battery charging 1.2, 7.5W)

12. USB port

13. USB port (Battery charging 1.2, 7.5W)

Technical Specifications

Panel Specifications	Display Size (Diagonal)	27"
	Panel Technology	IPS
	Refresh Rate	60 Hz
	Panel Bit Depth	8 bit
	Aspect Ratio	16:9
	Brightness (Typical)	350 nits
	Contrast Ratio (Static)	1000:1
	Contrast Ratio Minimum (Static)	700:1
	Dynamic Contrast Ratio	10M:1
	Flicker Free	Yes
	Pixel Pitch	0.2331 (mm) x 0.2331 (mm)
	Pixels Per Inch (Ppi)	109 PPI
	Backlight Lamp Life Minimum (To Half Brightness - In Hours)	40 k
	Backlight Type	Edge-lit
	Screen Treatment	Anti-glare
	Hardness	3H
	Haze	25%
	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)	596.736(H) x 335.66(V)	
NOTE: Performance Specifications Represent The Typical Specifications Provided By HP's Component Manufacturers; Actual Performance May Vary Either Higher Or Lower.		
Color	sRGB	99 %
	P3 D65	85%
Color Management	Factory Color Calibrated	Yes (Delta E <=2)
	Calibrated Color Presets	sRGB, BT.709, P3 D65 (Production after Jan '21)
	RGB Channel Adjust	Yes, Gain
	Default Color Temperature	sRGB
Monitor Specifications	Bezel	4-sided Micro Edge
	Color	(Head) Turbo Silver; (Stand) Turbo Silver
	Tilt	-5 to +20°
	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 (Number Of Years)	3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)
	Low Blue Light Mode	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
	Display Management Software	HP Display Center
	On Screen Display	Brightness +, Color, Image, Input, Power, Menu, Management, Information, Exit
	User-Assignable Function Buttons	Yes, 4 buttons
	Native Resolution	QHD (2560 x 1440)
	Maximum Resolution	2560 x 1440 @ 60HZ
Preset Graphic Modes/Supported Resolutions	640 x 480@60Hz 800 x 600@60Hz	

Technical Specifications

		1280 x 720@60Hz
		1024 x 768 @ 60Hz
		1280 x 1024 @ 60Hz
		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
	High Definition Video Formats	720 x 480i @ 60Hz
		720 x 480p @ 60Hz
		1280 x 720p @ 60Hz
		1920 x 1080i @ 60Hz
		720 x 576i @ 50Hz
		720 x 576p @ 50Hz
		1280 x 720p @ 50Hz
		1920 x 1080i @ 50Hz
		1920 x 1080p @ 60Hz
		1920 x 1080p @ 50Hz
		640 x 480p @ 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 Programmable Modes	10
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	DisplayPort™	1 DisplayPort™ 1.4
	DisplayPort™ Out	1 DisplayPort™ 1.4-out
	HDMI	1 HDMI 2.0
	USB Type-C™ Video Input	1 USB Type-C™ (DP Alt Mode 1.4, power delivery up to 100W)
	USB- A	4 USB-A 3.2 Gen1 (2 for battery charging 1.2, 7.5W)
	Ethernet	Yes
Special Features	Picture-in-Picture, Picture-by-Picture	Yes
	DaisyChain/DisplayPort Multi stream Transport (MST)	Yes
	User Updateable Firmware	Yes
Power & Operating Specs	Power Supply	Internal
	Power Source	100 – 240 VAC 50 / 60 Hz
	Power Consumption- MAX	160 W
	Energy Saving/Stand By Mode	0.5 W
	Power Consumption- Typical	39 W
	Power Cable Length	1.9 m
ENERGY STAR Data	Operational Mode at 100 VAC	21.33W
	Operational Mode at 115 VAC	21.36W
	Operational Mode at 230 VAC	21.44W
Eu Energy Efficiency Class (ERP lot-5)	On-mode Power Consumption	23.7W

Technical Specifications

	Annual Power Consumption	35 kWh	
	Energy Efficiency Class	F	
Operating Conditions	Operating Temperature - Celsius	5° – 35°C	
	Operating Temperature - Fahrenheit	41° – 95°F	
	Non-Operatin 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	
	Agency Approvals and Certifications	WW application CE,CB,KC/KCC/NOM/PSB/EAC/GS/TUV-S/ISO 9241-307/ Low Blue Light/ BIS/cTUVus/CCC/CEL/CECP/SEPA/Energy Star/TCO/TCO Certified Edge/VCCI/FCC/BSMI/WEEE/UAE/Ukraine/ERP/ISC	
	Microsoft WHQL Certification	Yes	
	ENERGY STAR® Certified	Yes	
	EPEAT® Registered	Yes	
	Regions need to verify by country	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	81.06%	
	Recyclable Packaging (Box, packing materials)	100% recyclable packaging.	
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	Metric 61.23 x 20.5 x 53.04 cm	Imperial 24.11 x 8.07 x 20.88 in
	Product Dimensions (Packed) (W x D x H)	69.8 x 42.3 x 16.3 cm	27.48 x 16.65 x 6.42 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	61.23 x 3.89x 35.61 cm	24.11 x 1.53 x 14.02 in
	Base Area Footprint (w x d mm)	246 x 205 mm	9.69 x 8.07 in
	Bezel Measurement	601.8 mm	23.69 in
	Product Weight (Unpacked with stand)	6.2 kg	13.7 lb
	Product Weight (Packed)	9.4 kg	20.7 lb
	Product Weight (Head Only)	4.7 kg	10.36 lb
What's in the box?	Documentation kit DP1.4 Cable (1.8m) HDMI 2.0 cable (1.8m, Production after May'21)		

Technical Specifications

USB 3.2 Gen2 Type C to C (1m)
Power cable
VESA Adapter
Cable Holder

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.

Technical Specifications

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Summary

Change Log			
January 12, 2021	V1 to V2	Update	Technical Specifications
February 28, 2021	V2 to V3	Update	Energy Efficiency Class
April 16, 2021	V3 to V4	Update	VESA Mounting Specs
June 1, 2021	V4 to V5	Update	Color Management
June 24, 2021	V5 to V6	Update	What's in the box? section
March 22, 2023	V6 to V7	Update	VESA Mounting specs
	V7 to V8		