Technical Specifications

HP Z25xs G3 QHD USB-C DreamColor Display

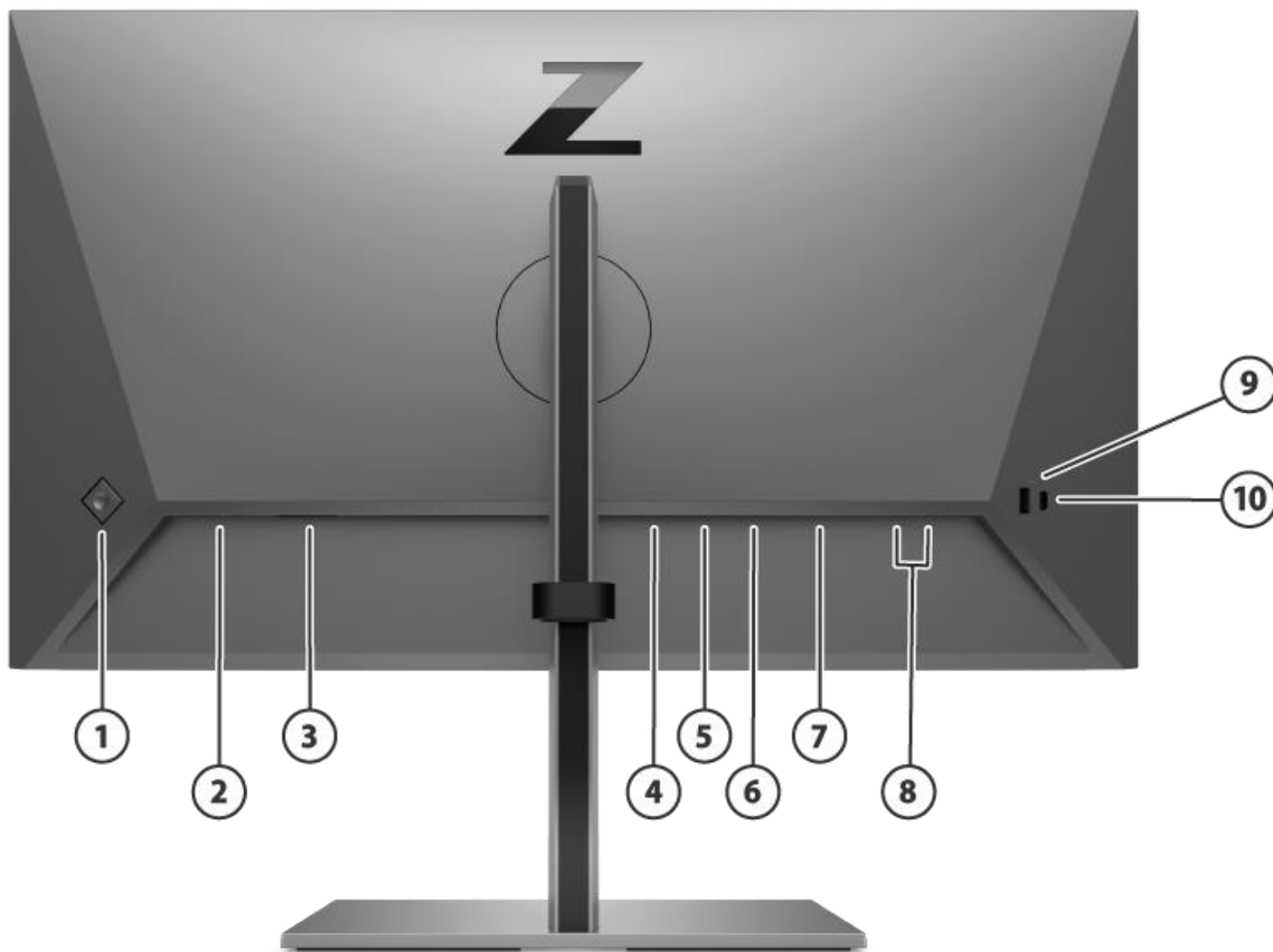**Front**

1. Brightness Buttons
2. Power Button

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Back

1. OSD Joypad Control
2. Security Cable Slot
3. Power Connector
4. HDMI Port
5. DisplayPort™

6. DisplayPort™ Out
7. USB Type-C™ Port (DP Alt Mode 1.4, power delivery up to 100W)
8. USB Type-A™ Ports 3.0
9. USB Type-A™ Port 3.0
10. USB Type-C™ Port (Data only, power delivery up to 15W)

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Model: 1A9C9AA

Panel Specifications	Display Size (Diagonal)	25-in
	Panel Technology	IPS
	Refresh Rate	60 Hz
	Resolution	2560 x 1440 (QHD)
	Panel Bit Depth	10-bit (8+2 FRC)
	Aspect Ratio	16:9
	Brightness (Typical)	266 nits
	HDR Peak Brightness (Typical)	400 nits (VESA DisplayHDR 400 Certified)
	Contrast Ratio (Static)	1000:1
	Contrast Ratio (HDR)	1000:1
	Pixel Pitch	0.216 mm
	Pixels Per Inch (PPI)	174 PPI
	Backlight Lamp Life Minimum (To Half Brightness - In Hours)	30,000
	Backlight Type	Edge-lit
	Screen Treatment	Anti-glare
	Hardness	3H
	Haze	25%
	Response Time (Typical)	14 ms
	Horizontal Viewing Angle (Typical Cr>10)	178°
	Vertical Viewing Angle (Typical Cr>10)	178°
	Panel Active Area Metric (Width)	552.96 mm
	Panel Active Area Metric (Height)	311.04 mm
	Flicker Free	Yes (SDR mode only)

NOTE: Performance Specifications Represent The Typical Specifications Provided By HP's Component Manufacturers; Actual Performance May Vary Either Higher Or Lower.

HP-applied uniformity compensation to each Z25xs G3 display, which brings the typical uniform peak luminance down to 266 cd/m² from a 400 cd/m² native peak brightness. Display supports luminance calibration up to 266 cd/m², reserving any luminance headroom for panel aging compensation.

Color Management	Factory Color Calibrated	Yes (Delta E <=2)
	Calibrated Color Presets	Design for web, Design for print, Photography, HD video (Pantone Validated)
	User Calibration Support	Yes, via HP Display Center software (Windows or macOS)
	Default Color Temperature	Photography (P3 D65)
	sRGB	99%
	P3 D65	95%

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	150 mm
	VESA Mounting	N/A
	Security Lock Ready	Standard Security Lock Slot

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	Detachable Stand	Yes
	Warranty	3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)
	Low Blue Light	Yes (TÜV certified)
	Zero Bright Dot Warranty	Yes
	Display 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)

NOTE: Apply to high resolution and/or high frame rate displays only. CONFIRM WITH EPM whether disclaimer applies.

	Maximum Resolution	QHD (2560 x 1440)
	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
		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	95.0 kHz
	Maximum Pixel Clock	300.0 MHz
	User Programmable Modes	Yes
	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
	HDMI	1 HDMI 2.0
	HDCP	Yes, DisplayPort and HDMI
	USB Type-C™ Video Input	1 USB Type-C™ (DP Alt Mode 1.4, power delivery up to 100W)
	USB Type-C™ Data	1 USB Type-C™ (Data only, power delivery up to 15W)
	USB- A	3 USB-A 3.2 Gen 1
Special Features	**Picture-In-Picture, Picture-By-Picture**	Yes
	DaisyChain/DisplayPort Multi stream Transport (MST)	Yes
	User Updateable Firmware	Yes
	Power Supply	Internal

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Power & Operating Specs		
	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption- Max	205 W
	Energy Saving/Stand By Mode	0.5 W
	Power Consumption- Typical	35 W (HDR off)

Operating Conditions		
	Operating Temperature - Celsius	5° – 35°C
	Operating Temperature - Fahrenheit	41° – 95°F
	Non-Operating Temperature - Celsius	-40° – 65°C
	Non-Operating Temperature - Fahrenheit	-40° – 149°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
	Agency Approvals and Certifications	WW application CE,CB,KC/KCC/NOM/PSB/ICE/TUV-S/ISO 9241-307/ EAC/ GS/BIS/cTUVus/Low Blue Light/UAE/Ukraine /CSA/PSB/ISC/CCC/CEL/CECP/SEPA/TCO/TCO Certified Edge/Energy Star/ERP ISC/VCCI/FCC/BSMI/WEEE
	Energy Star® Certified	Yes
	EPEAT® Registered 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

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.

EU Energy Efficiency Class (ERP Lot-5)		
	SDR On-Mode Power Consumption	24 kwh/1000 h
	HDR On-Mode Power Consumption	43 kwh/1000 h
	SDR Energy Efficiency Class	G
	HDR Energy Efficiency Class	G

Contains Recycled Plastics		
	Contains Recycled Plastics	ABS 85%
	Recyclable Packaging (Box, packing materials)	100% recyclable packaging.

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Unit Product/Package Specifications	**Product Dimensions** (Unpacked with stand) (W x D x H)	56.9 x 20.5 x 51.8 cm	22.4 x 8.1 x 20.4 in
	Product Dimensions (Packed) (W x D x H)	65.5 x 14.9 x 40.0 cm	25.8 x 5.9 x 15.7 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	56.9 x 4.6 x 33.3 cm	22.4 x 1.8 x 13.1 in
	Base Area Footprint (w x d mm)	24.6 x 20.5 mm	9.7 x 8.1 in
	Product Weight (Unpacked with stand)	6.2 kg	13.7 lb
	Product Weight (Packed)	9.2 kg	20.3 lb
	Product Weight (Head Only)	4.6 kg	10.1 lb

What's in the box?	Monitor assembly Documentation kit HDMI2.0 Cable (1.8m) DP1.4 Cable (1.8m) USB3.2 Gen2 Type C to C (1m) USB3.1 Gen1 Type C to A (1.8m) 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.

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Summary

Change Log			
	V1 to V2		Energy Efficiency Class
April 16, 2021	V2 to V3	Update	VESA Mounting Specs
May 4, 2021	V3 to V4	Update	Energy Efficiency Class
	V4 to V5		