

Technical Specifications

HP Z27q G3 QHD Display

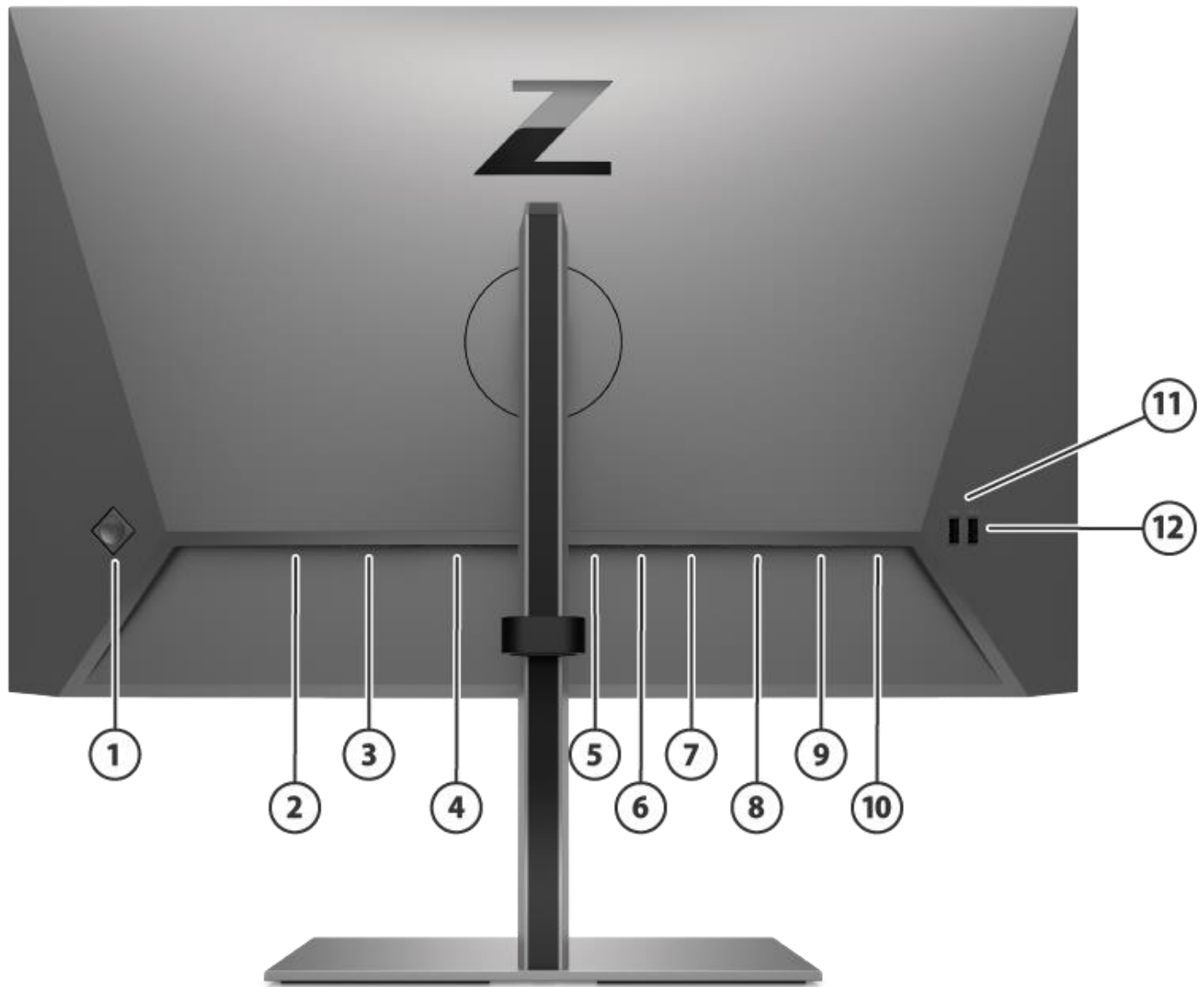


Front

1. Power button

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Back

- | | |
|---------------------------|-------------------------------------|
| 1. OSD control | 7. DisplayPort™ connector (out) |
| 2. Security cable slot | 8. USB Type-B port (upstream) |
| 3. Master power switch | 9. USB port |
| 4. Power connector | 10. USB port (Battery charging 1.2) |
| 5. HDMI port | 11. USB Port |
| 6. DisplayPort™ connector | 12. USB Port (Battery charging 1.2) |

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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
	Dynamic Contrast Ratio	10M:1
	Flicker Free	Yes
	Pixel Pitch	0.2331mm
	Pixels Per Inch (Ppi)	109 PPI
	Backlight Lamp Life Minimum (To Half Brightness - In Hours)	40k
	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)*335.664(V)
NOTE: Performance Specifications Represent The Typical Specifications Provided By HP's Component Manufacturers; Actual Performance May Vary Either Higher Or Lower.		
Color Management	Factory Color Calibrated	Yes
	Calibrated Color Presets	sRGB, BT.709, (Color Match)
	RGB Channel Adjust	Yes, Gain
	Default Color Temperature	sRGB
Monitor Specifications	Bezel	4-sided Micro Edge
	Color	(Head) Silver ; (Stand) 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 for optional APJ
	Low Blue Light Mode	Yes (TÜV certified)
	Display Management Software	HP Display Center
	On Screen Display	Joystick
	On Screen Controls	Brightness +, Color, Image, Input, Power, Menu, Management, Information, Exit
	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 1024 x 768@60Hz 1280 x 720@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
	High Definition Video Formats	720 x 480p@60Hz 720 x 480i@60Hz 1280 x 720p@60Hz 720 x 576i@50Hz 720 x 576p@50Hz 1280 x 720p@50Hz 1920 x 1080p@50Hz 1920 x 1080p@60Hz 1920 x 1080i@50Hz 1920 x 1080i@60Hz 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
	User-Assignable Function Buttons	Yes, 5 buttons
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	DisplayPort™ DisplayPort™ Out HDMI USB- A USB-B (Hub enablement)	1 DisplayPort™ 1.4 1 DisplayPort™ 1.4 out 1 HDMI 2.0 4 USB-A 3.2 Gen 1 1 USB-B
Special Features	Picture-in-Picture, Picture-by-Picture Multi-Stream Transport (MST) User Updateable Firmware	Yes 1 Yes
Power & Operating Specs	Power Supply Power Source Power Consumption- MAX Energy Saving/Stand By Mode Power Consumption- Typical Power Cable Length	Internal 100 – 240 VAC 50/60 Hz 69 W 0.5 W 35 W 1.9m
ENERGY STAR Data	Operational Mode at 100 VAC Operational Mode at 115 VAC Operational Mode at 230 VAC	18.36 W 18.28 W 18.34 W
EU Energy Efficiency Class (Ec1062)	On-mode Power Consumption (EC 1062/2010) Annual Power Consumption (EC 1062/2010) Energy Efficiency Class (EC 1062/2010)	23 W 34 kWh A+
Operating Conditions	Operating Temperature - Celsius	5° – 35°C

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	Operating Temperature - Fahrenheit	41° – 95°F	
	Non-Operating 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	
	Microsoft WHQL Certification	Yes	
	ENERGY STAR® Certified	Yes	
	EPEAT® Registered	Yes	
	Regions need to verify by country		
	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	81.40%	
	Recyclable Packaging (Box, packing materials)	86.90%	
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	61.23 x 20.5x 53.04 cm	24.11x8.07 x 20.88 in
	Product Dimensions (Packed) (W x D x H)	69.8*42.3*16.3 cm	27.48 x 16.65 x 6.42 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	61.23x3.89x 35.61 cm	24.11x 1.53 x 14.02 in
	Base Area Footprint (w x d mm)	246 x 205 mm	9.69 x 8.07 in
	Bezel Measurements - Metric	Bottom Cover : 601.8mm	Bottom Cover : 23.69in
	Product Weight (Unpacked with stand)	5.8 kg	12.8 lb
	Product Weight (Packed)	9.1 kg	19.8 lb
	Product Weight (Head Only)	4.3 kg	9.48lb
What's in the box?	AC power cord (1.9m) 6.2ft DP Cable (1.8m) 5.9 ft USB type A to B cable (1.8m) 5.9 ft		
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	

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Warranty Languages

Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
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		