QuickSpecs
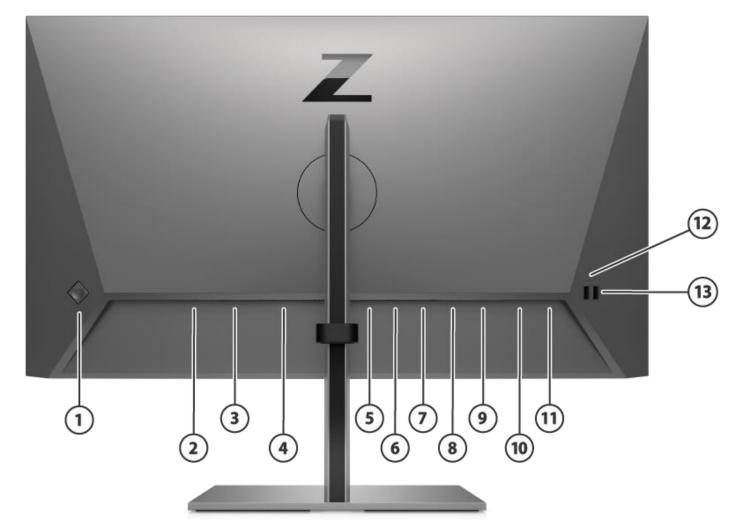
Technical Specifications

Front

1. Power Button

Technical Specifications

HP Z27k G3 4K USB-C Display

Back

1. OSD control

2. Security cable slot
3. Master power switch
4. Power connector
5. HDMI port
6. DisplayPort connector
7. DisplayPort connector OUT

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	10 bit (8 bit + FRC)
	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	0.1554 x 0.1554 mm
	Pixels Per Inch (Ppi)	163 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 335.664(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 (Delta E <=2)
	Calibrated Color Presets	sRGB, BT.709, (Color Match)
	RGB Channel Adjust	Yes, Gain
	Default Color Temperature	sRGB

Color	sRGB	99 %
	P3 D65	85%

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	4K UHD (3840 x 2160)
	Maximum Resolution	3840 x 2160 @ 60HZ

QuickSpecs

Technical Specifications

	Preset Graphic Modes/Supported Resolutions	640 x 480 @ 60Hz
		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
		1600 x 1200 @ 60Hz
		1680 x 1050 @ 60Hz
		1920 x 1080 @ 60Hz
		1920 x 1200 @ 60Hz
		2560 x 1440 @ 60Hz
		2560 x 1600 @ 60Hz
		3840 x 2160 @ 23Hz
		3840 x 2160 @ 24Hz
		3840 x 2160 @ 30Hz
		3840 x 2160 @ 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	80.0 kHz
	Maximum Pixel Clock	600 MHz
	User Programmable Modes	20
	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	165 W
	Energy Saving/Stand By Mode	0.5 W
	Power Consumption- Typical	42 W

Technical Specifications

	Power Cable Length	1.9 m
ENERGY STAR Data	**Operational Mode at 100 VAC**	28.08 W
	Operational Mode at 115 VAC	28.02 W
	Operational Mode at 230 VAC	27.98 W
EU Energy Efficiency Class (ERP Lot-5)	**On-mode Power Consumption**	29.1 W
	Annual Power Consumption	43 kWh
	Energy Efficiency Class	G
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 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**	86.3%
	Recyclable Packaging (Box, packing materials)	100% recyclable packaging.

Unit Product/Package Specifications			
Product Dimensions (Unpacked with stand) (W x D x H)		61.23 x 20.50 x 53.03 cm	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	27.48x 16.65 x 6.42 in
Display Head Dimensions (Unpacked without stand) (W x D x H)		61.23 x 6.35 x 35.61 cm	24.11 x 2.50 x 12.02 in
Base Area Footprint (w x d mm)		246 x 205 mm	9.69 x 8.07 in

Technical Specifications

	Product Weight (Unpacked with stand)	6.2 kg	13.7 lb
	Product Weight (Packed)	9.4 kg	20.7 lb
	Product Weight (Head Only)	4.6 kg	10.14 lb

What's in the box?	Documentation kit DP1.4 Cable (1.8m) USB3.2 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

Summary

Change Log

February 28,2021	V1 to V2		Energy Efficiency Class