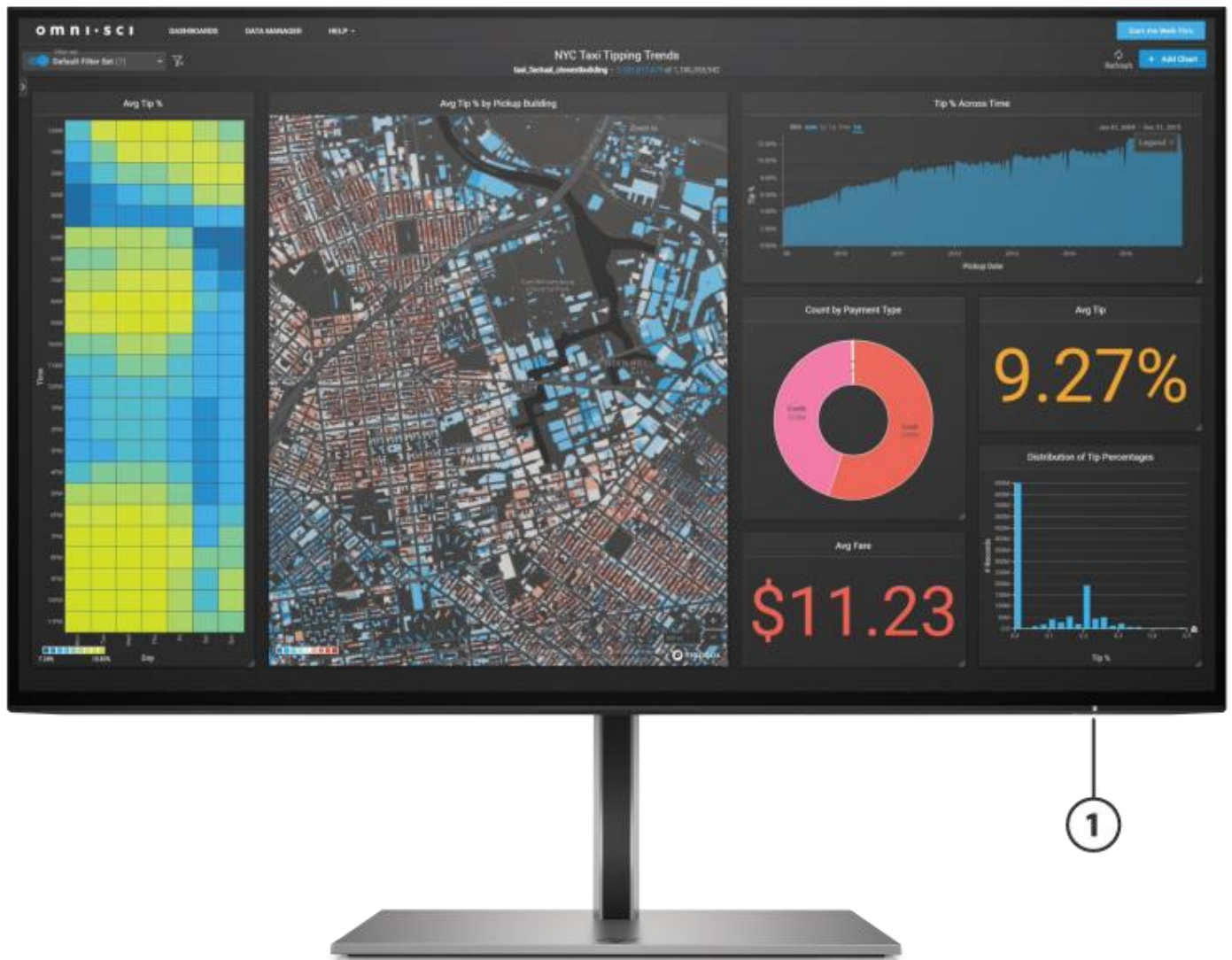


Technical Specifications

HP Z24f G3 FHD Display

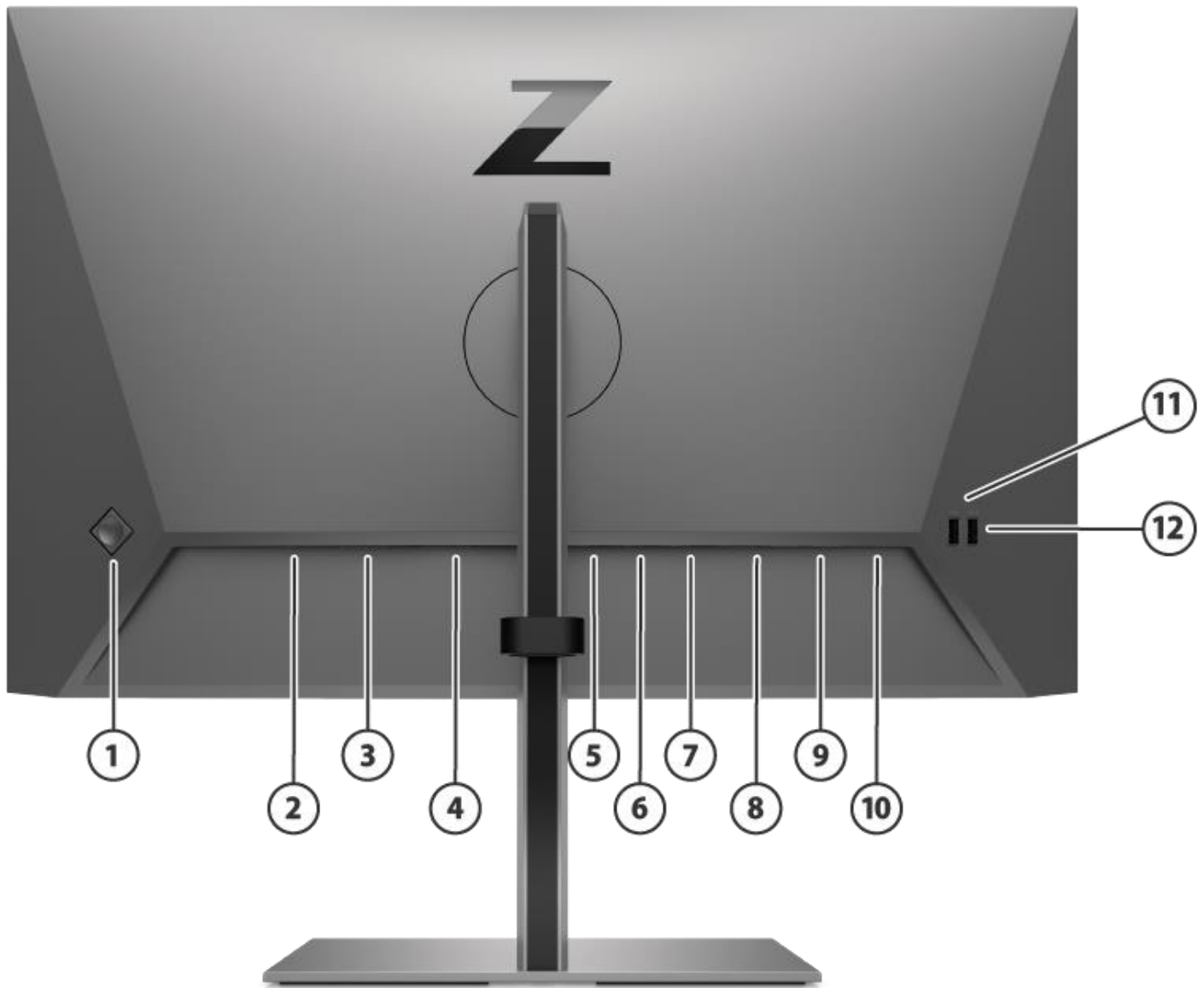


Front

1. Power button

Technical Specifications

HP Z24f G3 FHD Display



1. OSD control
2. Security cable slot
3. Master power switch
4. Power connector
5. HDMI port
6. DisplayPort™ connector

Back

7. DisplayPort™ connector (out)
8. USB Type-B port (upstream)
9. USB port
10. USB port (Battery charging 1.2)
11. USB port
12. USB port (Battery charging 1.2)

Technical Specifications

Panel Specifications	Display Size (Diagonal)	23.8"
	Panel Technology	IPS
	Refresh Rate	60 Hz
	Panel Bit Depth	8 bit (6bit + FRC)
	Aspect Ratio	16:9
	Brightness (Typical)	300 nits
	Contrast Ratio (Static)	1000:1
	Dynamic Contrast Ratio	10M:1
	Flicker Free	Yes
	Pixel Pitch	0.2745mm
	Pixels Per Inch (Ppi)	93 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)	527.04(H)*296.46(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) Sliver
	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	Full HD (1920 x 1080)
	Native Resolution Footnote	
	Maximum Resolution	1920×1080 @ 60HZ
Preset Graphic Modes/Supported Resolutions		640 × 480@60Hz
		800 × 600@60Hz
		1024 × 768@60Hz
		1280 × 720@60Hz
		1280 × 800@60Hz

Technical Specifications

		1280 × 1024@60Hz
		1440 × 900@60Hz
		1600 × 900@60Hz
		1680 × 1050@60Hz
		1920 × 1080@60Hz
	High Definition Video Formats	720 × 480p@60Hz
		720 × 576p@50Hz
		1280 × 720p@50Hz
		1280 × 720p@60Hz
		1920 × 1080p@50Hz
		1920 × 1080p@60Hz
	Minimum Vertical Scan Rate	50 Hz
	Maximum Vertical Scan Rate	60 Hz
	Minimum Horizontal Scan Rate	30.0 kHz
	Maximum Horizontal Scan Rate	75.0 kHz
	Maximum Pixel Clock	170 MHz
	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™	1 DisplayPort™ 1.2
	DisplayPort™ Out	1 DisplayPort™ 1.2-out
	HDMI	1 HDMI 1.4
	USB- A	4 USB-A 3.2 Gen 1
	USB-B (Hub enablement)	1 USB-B
Special Features	Multi-Stream Transport (Mst)	1
Power & Operating Specs	Power Supply	Internal
	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption- MAX	58 W
	Energy Saving/Stand By Mode	0.5 W
	Power Consumption- Typical	26 W
	Power Cable Length	1.9m
ENERGY STAR Data	Operational Mode at 100 VAC	11.06 W
	Operational Mode at 115 VAC	11.1 W
	Operational Mode at 230 VAC	11.1 W
EU Energy Efficiency Class (Ec1062)	On-mode Power Consumption (EC 1062/2010)	12.5 W
	Annual Power Consumption (EC 1062/2010)	19 kWh
	Energy Efficiency Class (EC 1062/2010)	A++
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.)
	Mercury-free LED display backlighting	Yes, Mercury-free LED backlighting

Technical Specifications

Environmental Features and Certifications	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/Vietnam MEPS/Australian-New Zealand MEPS/WEEE/UAE/Ukraine		
	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	80.76%		
	Recyclable Packaging (Box, packing materials)	88.76%		
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	53.84 x 19.5x 48.93 cm	21.2x7.68 x 19.26 in	
	Product Dimensions (Packed) (W x D x H)	62.5 x 37.3 x 14.2 cm	24.61 x 14.69 x 5.59 in	
	Display Head Dimensions (Unpacked without stand) (W x D x H)	53.84 x3.85x 31.37 cm	21.2x 1.52 x 12.35 in	
	Base Area Footprint (w x d mm)	232 X 195 mm	9.13 X 7.7 in	
	Bezel Measurements - Metric	Bottom Cover:530.2mm	Bottom Cover:20.87in	
	Product Weight (Unpacked with stand)	4.7 kg	10.4 lb	
	Product Weight (Packed)	7.2 kg	15.6 lb	
	Product Weight (Head Only)	3.5 kg	7.7 lb	
	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 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			
	V1 to V2		