Technical Specifications

HP Z24f G3 FHD Display

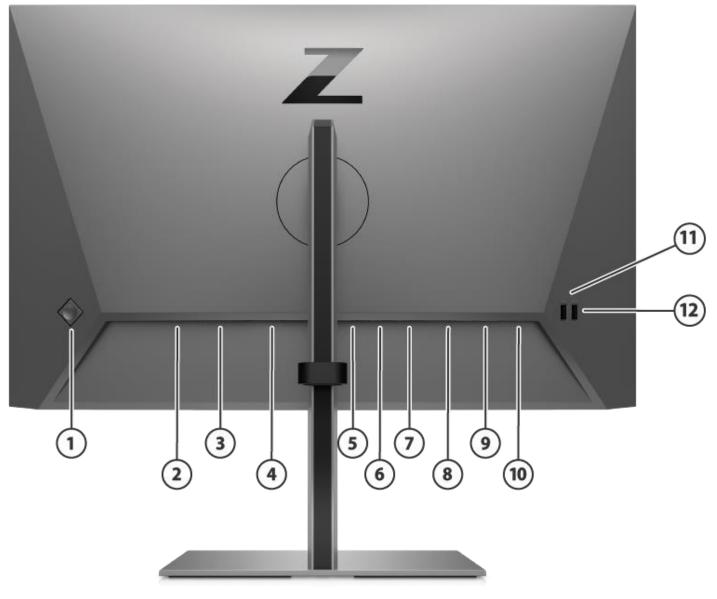


Front

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

Technical Specifications

Panel TechnologyPSRefresh Rate60 HzPanel Bit Depth8 bit (6bit + FRC)Aspect Ratio15:9Brightness (Ypical)300 nitsContrast Ratio (Static)1000:1Dynamic Contrast Ratio104:1Brightness (Ypical)33 PIBacklight Lamp Life Minimum (To Hall40 kBrightness - In Hours)Edge-litBacklight Lamp Life Minimum (To Hall40 kBrightness - In Hours)Edge-litBacklight Type Life Minimum (To Hall78Backlight Type Life Minimum (To Hall78Backlight Type Life Minimum (To Hall178°Backlight Type Life Minimum (To Hall178°Backlight Type Life Minimum (To Hall178°Panel Active Area (W X H)527.04(H)*295.46(V)Wortzontal Viewing Angle (Typical178°Panel Active Area (W X H)527.04(H)*295.46(V)WOTE: Ferformance Specifications Represent The Typical Specifications Provided By HP's ComponentManifacturers; Actual Performance Specifications Represent The Typical Specifications Provided By HP's ComponentManifacturers; Actual Performance May Vary Ether Higher Or Lower.ColorSRGBP3 D6585%Monitor SpecificationsProvided By HP's ComponentManifacturers; Actual Performance May Vary Ether Higher Or Lower.ColorSRGBP3 D6585%Monitor Specifications829Piet Life Hight AdjustYes, GainDefault Color TemperatureSRGBP3 D6585%Monitor	Panel Specifications	Display Size (Diagonal)	23.8"
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Pivot±90Height Adjust Range150mmVESA Mounting100 mm x 100 mm (bracket included)Security Lock ReadyStandard Security Lock SlotDetachable StandYesWarranty (Number of Years)3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)Low Blue Light ModeYes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)Display Management SoftwareHP Display CenterOn Screen DisplayJoystickOn Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function ButtonsYes, 4 buttonsNative Resolution FootnoteFull HD (1920 x 1080)		Tilt	
Height Adjust Range150mmVESA Mounting100 mm x 100 mm (bracket included)Security Lock ReadyStandard Security Lock SlotDetachable StandYesWarranty (Number of Years)3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)Low Blue Light ModeYes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)Display Management SoftwareHP Display CenterOn Screen DisplayJoystickOn Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function ButtonsYes, 4 buttonsNative Resolution FootnoteFull HD (1920 x 1080)		Swivel	±45°
VESA Mounting100 mm x 100 mm (bracket included)Security Lock ReadyStandard Security Lock SlotDetachable StandYesWarranty (Number of Years)3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)Low Blue Light ModeYes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)Display Management SoftwareHP Display CenterOn Screen DisplayJoystickOn Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function Buttons Native Resolution FootnoteYes, 4 buttonsNative Resolution FootnoteFull HD (1920 x 1080)		Pivot	
VESA Mounting100 mm x 100 mm (bracket included)Security Lock ReadyStandard Security Lock SlotDetachable StandYesWarranty (Number of Years)3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)Low Blue Light ModeYes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)Display Management SoftwareHP Display CenterOn Screen DisplayJoystickOn Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function Buttons Native Resolution FootnoteYes, 4 buttonsNative Resolution FootnoteFull HD (1920 x 1080)		Height Adjust Range	150mm
Security Lock ReadyStandard Security Lock SlotDetachable StandYesWarranty (Number of Years)3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)Low Blue Light ModeYes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)Display Management SoftwareHP Display CenterOn Screen DisplayJoystickOn Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function Buttons Native Resolution FootnoteYes, 4 buttons Full HD (1920 x 1080)			100 mm x 100 mm (bracket included)
Detachable StandYesWarranty (Number of Years)3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)Low Blue Light ModeYes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)Display Management SoftwareHP Display CenterOn Screen DisplayJoystickOn Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function Buttons Native ResolutionYes, 4 buttons Full HD (1920 x 1080)Native Resolution FootnoteFull HD (1920 x 1080)			Standard Security Lock Slot
Low Blue Light ModeYes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)Display Management SoftwareHP Display CenterOn Screen DisplayJoystickOn Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function Buttons Native ResolutionYes, 4 buttons Full HD (1920 x 1080)Native Resolution FootnoteFull HD (1920 x 1080)		Detachable Stand	•
Low Blue Light ModeYes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)Display Management SoftwareHP Display CenterOn Screen DisplayJoystickOn Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function Buttons Native ResolutionYes, 4 buttons Full HD (1920 x 1080)Native Resolution FootnoteFull HD (1920 x 1080)		Warranty (Number of Years)	3/3/0 for LA, NA, EMEA, APJ; (3/3/3 in select APJ Countries)
Display Management SoftwareHP Display CenterOn Screen DisplayJoystickOn Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function ButtonsYes, 4 buttonsNative ResolutionFull HD (1920 x 1080)Native Resolution FootnoteFull HD (1920 x 1080)		Low Blue Light Mode	
On Screen DisplayJoystickOn Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function Buttons Native ResolutionYes, 4 buttons Full HD (1920 x 1080)Native Resolution FootnoteFull HD (1920 x 1080)		Display Management Software	•
On Screen ControlsBrightness +, Color, Image, Input, Power, Menu, Management, Information, ExitUser-Assignable Function Buttons Native ResolutionYes, 4 buttons Full HD (1920 x 1080)Native Resolution FootnoteFull HD (1920 x 1080)			
Management, Information, ExitUser-Assignable Function ButtonsYes, 4 buttonsNative ResolutionFull HD (1920 x 1080)Native Resolution Footnote			
User-Assignable Function Buttons Yes, 4 buttons Native Resolution Full HD (1920 x 1080) Native Resolution Footnote			3 3
Native ResolutionFull HD (1920 x 1080)Native Resolution Footnote		User-Assignable Function Buttons	
Native Resolution Footnote		-	•
			1920×1080 @ 60HZ



Technical Specifications

	Preset Graphic Modes/Suppored Resolutions	640 × 480@60Hz 800 × 600@60Hz 1024 × 768@60Hz 1280 × 720@60Hz 1280 × 800@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 Minimum Horizontal Scan Rate	60 Hz
	Minimum Horizontal Scan Rate Maximum Horizontal Scan Rate	30.0 kHz 75.0 kHz
	Maximum Pixel Clock	170 MHz
		10 (English, Spanish, German, French, Italian, Netherlands,
	Languages	Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	DisplayPort™	1 DisplayPort™ 1.2
connector rypes	DisplayPort™ Out	1 DisplayPort™ 1.2-out
	HDMI	1 HDMI 1.4
	USB- A	4 USB-A 3.2 Gen1 (2 for battery charging 1.2, 7.5W)
	USB-A USB-B (Hub enablement)	1 USB-B
	USB-B (HUD enablement)	Т ОЗВ-В
Special Features	DaisyChain/DisplayPort Multi stream Transport (MST)	Yes
Power & Operating	Power Supply	Internal
Specs	Power Source	100 – 240 VAC 50/60 Hz
5665	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	On-mode Power Consumption	12.5 W
Class (ERP Lot-5)	Annual Device Consumption	10 kWb
	Annual Power Consumption	19 kWh D
	Energy Efficiency Class	U
Operating Conditions	Operating Temperature - Celsius Operating Temperature - Fahrenheit Non-Operatin Temperature - Celsius Non-Operating Temperature -	5° – 35°C 41° – 95°F –34° – 60°C 29° – 140°F
	Fahrenheit Operating Humidity Non-Operating Humidity	20 – 80% Relative Humidity (non-condensing) 5 – 95%

HP Z24f G3 FHD Display

Technical Specifications

	Operating Altitude Non-operating Altitude	0 – 5,000 m (16,400 ft.) 0 – 12.192 m (40,000 ft.)	
Environmental Features and Certifications	Mercury-free LED display backlighting Arsenic-Free Display Glass Low Halogen		AC/GS/TUV-S/ISO 9241-307/
	Agency Approvals And Certifications	-	
	Microsoft WHQL Certification	Yes	
	ENERGY STAR [®] Certified	Yes	
	EPEAT [®] Registered	Yes	
	Regions need to verify by country	res	
	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)	100% recyclable packaging	g.
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	4.7 kg	10.4 lb
	(Unpacked with stand) Product Weight	-	
	(Packed)	7.2 kg	15.6 lb
	Product Weight (Head Only)	3.5 kg	7.7 lb
What's in the box?	Documentation kit DP1.4 Cable (1.8m) USB3.0 Type A to B (1.8m) Power cable VESA Adapter Cable Holder		
User Guide and Warranty Languages	User Guide Languages	Japanese, Kazakh, Korean,	T. Chinese, Czech, Danish, man, Greek, Hungarian, Italian, Norwegian, Polish, Brazilian enian, Spanish, Swedish and

Japanese, Kazakh, Korean, Norwegian, Polish, Braziliar Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.





Technical Specifications

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	Updated	Technical Specifications
February 28, 2021	V2 to V3	Updated	Energy Efficiency Class

