Technical Specifications

HP E24t G4 FHD Touch Monitor
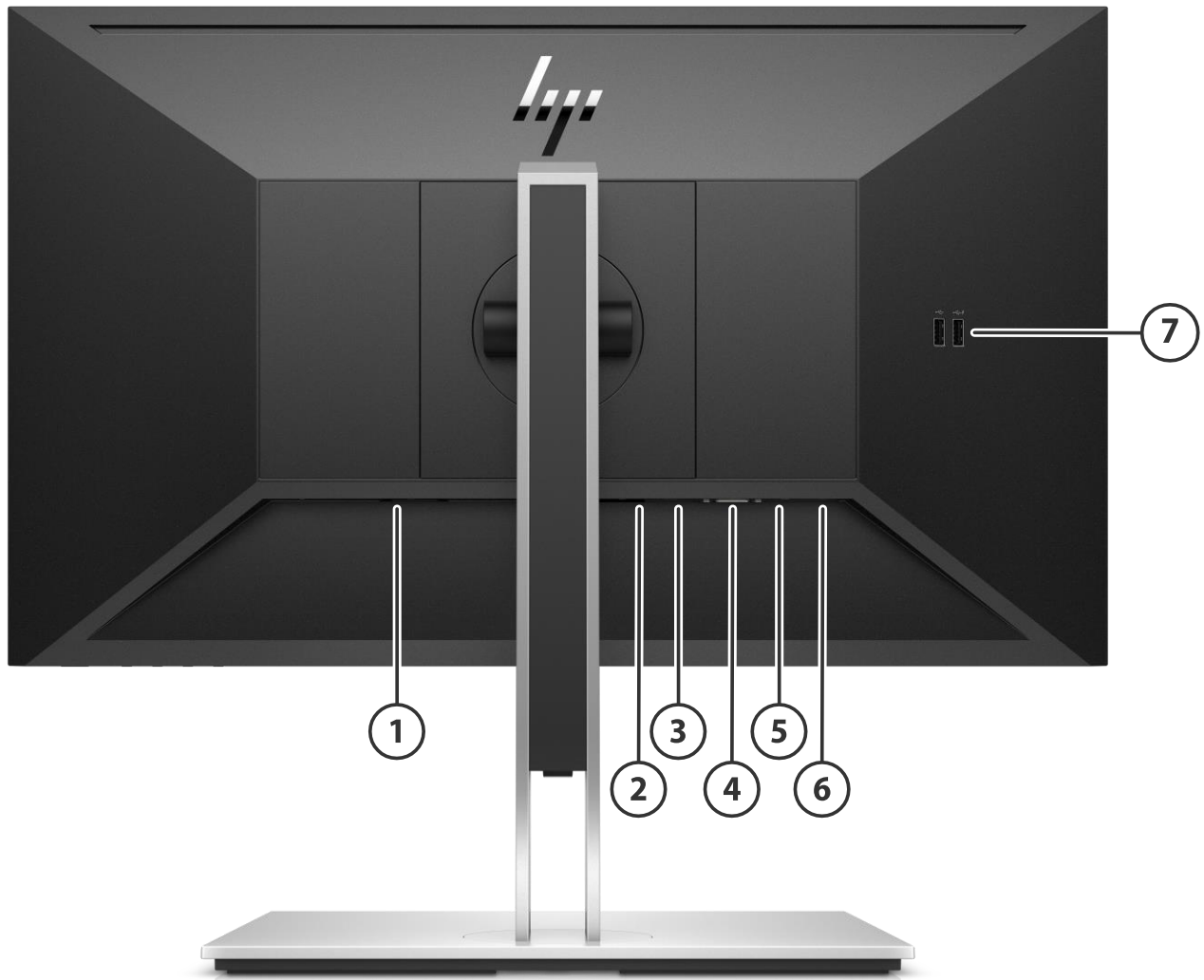

Front

1. OSD Buttons   **2.** Power Button

Technical Specifications

HP E24t G4 FHD Touch Monitor

Back

1.	Power Connector		**5.**	USB-B Port
2.	DisplayPort™		**6.**	USB-A Ports (2)
3.	HDMI Port		**7.**	USB-A Ports (2)
4.	VGA Port			

Technical Specifications

Models: 7UZ37AA

Panel Specifications		
	Display Size (Diagonal)	23.8-in
	Display Panel Type	IPS
	Micro-Edge Bezel	Yes, 3-sided
	Native Resolution/Timing	1920×1080 @ 60 Hz
	Native Resolution Note*	1 VGA, 1 HDMI 1.4, 1 DisplayPort 1.2
	Panel Bit Depth	6 + FRC
	Aspect Ratio	16:9
	Brightness - Typical	250 cd/m²
	Static Contrast Ratio - Typical	1000:1
	Dynamic Contrast Ratio (DCR)	5,000,000:1
	Flicker Free	Yes
	Pixel Pitch	0.2058(H)mm x 0.2058(V)mm
	Pixels Per Inch (PPI)	123
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes
	Response Time - Typical	5ms (gray to gray)
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Touch-Enable	Yes
	Panel Active Area (w x h)	476.06mm x 267.79mm
	Preset Graphic Modes/Supported Resolutions	640 x 480 @ 60 Hz
		720 x 400 @ 70 Hz
		800 x 600 @ 60 Hz
		1024 x 768 @ 60 Hz
		1280 x 720 @ 60 Hz
		1280 x 800 @ 60 Hz
		1280 x 1024 @ 60 Hz
		1366 x 768 @ 60 Hz
		1440 x 900 @ 60 Hz
		1600 x 900 @ 60 Hz
		1680 x 1050 @ 60 Hz
		1920 x 1080 @ 60 Hz
	Maximum Resolution	1920 x 1080 @ 60 Hz
	Recommended Resolution	1920 x 1080 @ 60 Hz
	Vertical Scan Range	50Hz - 60Hz
	Horizontal Scan Range	30KHz - 80KHz
	Default Color Temperature	Neutral (6500K)
	Maximum Pixel Clock Speed	170MHz

*VGA or DisplayPort™ 1.2 or HDMI 1.4 required to drive panel at its native resolution

NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Color Gamut Coverage		
	NTSC	72%
	Color Space / Subsampling Support	RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2
	Default Color Temperature	Neutral (6500K)
	Low Blue Light Modes	Yes

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	RGB Channel Adjust	Yes, Gain
Monitor Specifications	**Exterior Color of Monitor Bezel and Stand**	Black
	Plug & Play	Yes
	Tilt	−5° to +23°
	Swivel	±45°
	Pivot	±90°
	Height Adjustment Range	150 mm
	VESA Mounting	Yes
	Security Lock Ready	Yes
	Detachable Base	Yes
	Warranty	Based on region
On Screen Display (OSD)	**On Screen Display User Controls**	Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit
	User Programmable Modes	Yes, 10
	Monitor Control Buttons or Switches	Menu/OK, Minus ("-")/Brightness, Plus ("+")/Color, Back/Input, Power
	User-Assignable Function Buttons	Yes, 4
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	**DisplayPort™**	1, DisplayPort™ 1.2
	HDMI	1, HDMI1.4
	VGA	1
	USB-A	4
	USB-B	1
	HDCP support	Yes, (DisplayPort™ and HDMI)
Power & Operating Specs	**Power Supply**	Internal
	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption - Maximum	52 W
	Energy Saving	0.5 W
	Power Consumption - Typical	25 W
	Power cable length	1.9 m
Energy Star Data	**Operational Mode at 100 VAC**	12.28 W
	Operational Mode at 115 VAC	12.25 W
	Operational Mode at 230 VAC	12.43 W
EU Energy Efficiency Class (EC1062)	**On-mode Power Consumption (EC 1062/2010)**	13 W
	Annual Power Consumption (EC 1062/2010)	18 kWh
	Energy Efficiency Class (EC 1062/2010)	A++
Operating Conditions	**Operating Temperature - Celsius**	5° – 35°C
	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%

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		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
		GSE HP-00011-01B, table 2 defines low-halogen (BFR, CFR, PVC)
		NOTE: External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
	Agency Approvals and Certifications	CE,CB,KC/KCC/NOM/PSB/ICE/TUV-S/ISO 9241-307/ EAC/UL/CSA/PSB/ISC/CCC/CEL/Energy Star/ISC/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE
	Microsoft WHQL Certification	Win 10, Win 8, Win 7
	ENERGY STAR®	Yes
	EPEAT 2020 Registered	Yes
	China Energy Label	CEL Grade 1
	TCO Certified	Yes
	SmartWay Transport Partnership - NA only	Yes (NA SKU)

* Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit http://www.epeat.net for more information.

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NOTE: DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

Unit Product/Package Specifications		**Metric**	**Imperial**
	Product Dimensions (Unpacked with stand) (W x D x H)	53.94 x 20.7 x 49.49 cm	21.24 x 8.15 x 19.48 in
	Product Dimensions (Packed) (W x D x H)	61 x 22.5 x 39.5 cm	24.02 x 8.86 x 15.55 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	53.94 x 4.7 x 32.33 cm	21.24 x 1.85 x 12.73 in
	Base Area Footprint (w x d mm)	260 x 207 mm	10.24 x 8.15 in
	Bezel Measurements	Bottom 19.66 mm	Bottom 00.77 in
	Product Weight (Unpacked with stand)	5.8 kg	12.8 lb
	Product Weight (Packed)	8.7 kg	19.2 lb
	Product Weight (Head Only)	3.4 kg	7.5 lb

Display Management Software	HP Display Center

What's in the box?	1 HDMI	(1.8 m) 5.9 ft
	1 DisplayPort™ (DisplayPort™ 1.2)	(1.8 m) 5.9 ft

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	1 USB-A-B cable	(1.8 m) 5.9 ft
	1 Power Cord	(1.9 m) 6.2 ft
	1 QSP	
	1 Doc-Kit	

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			
	V1 to V2		