Technical Specifications

HP E24t G4 FHD Touch Monitor
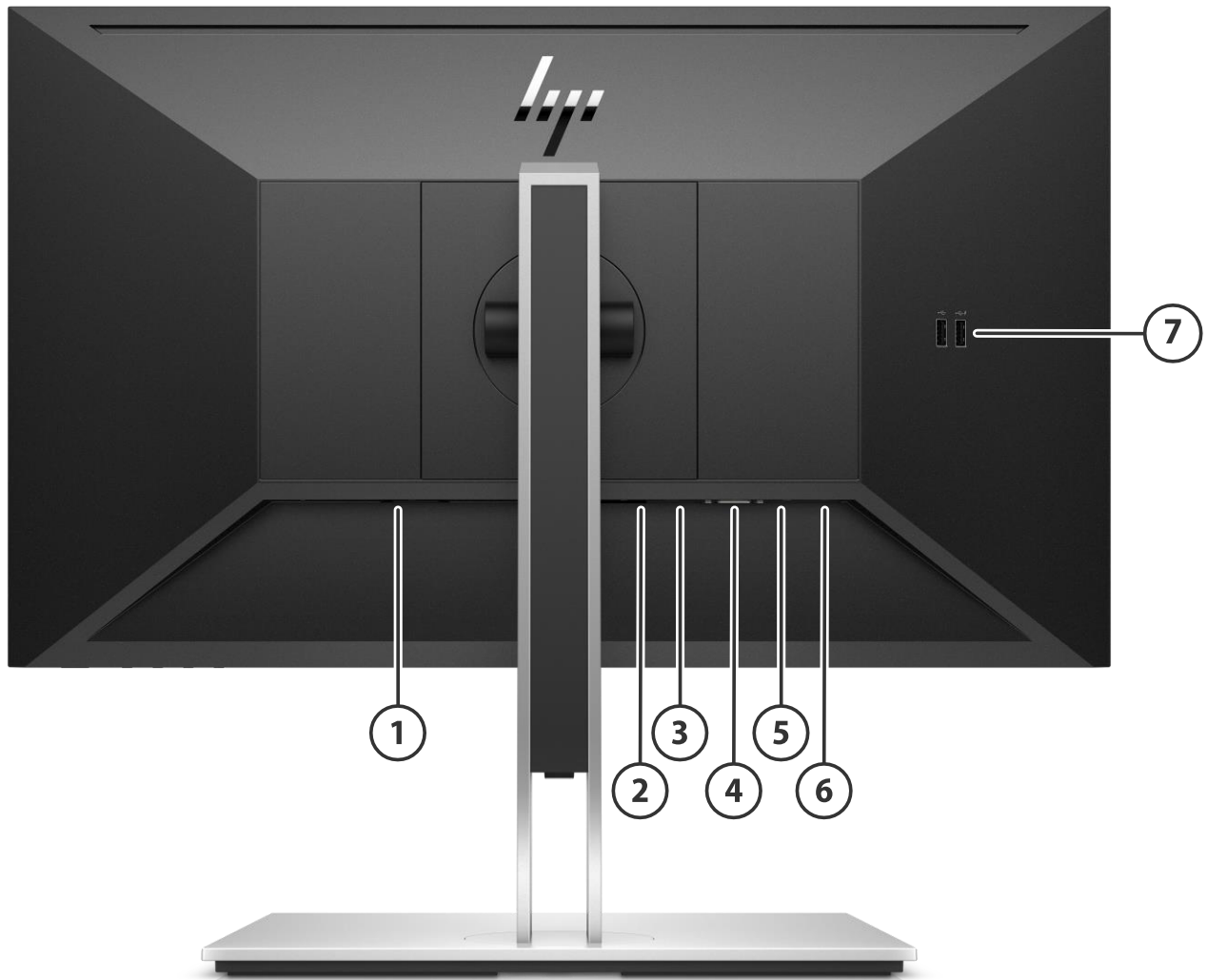

Front

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

Technical Specifications

HP E24t G4 FHD Touch Monitor

Back

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

QuickSpecs

Technical Specifications

Models: 9VH85AA

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	8
	Aspect Ratio	16:9
	Brightness - Typical	300 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
	RGB Channel Adjust	Yes, Gain

QuickSpecs

Technical Specifications

Monitor Specifications	**Touch Panel Type**	Up to 10 Point Advanced In-Cell Touch, Self-Capacitive
	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%
	Operating Altitude	0 - 5,000 m (16,400 ft.)
	Non-operating Altitude	0 – 12,192 m (40,000 ft.)

QuickSpecs

Technical Specifications

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® 2019 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.
**External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

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?	AMS: AC Power Cord (1.8m) 5.9 ft, HDMI Cable (1.8m) 5.9 ft, DP Cable (1.8m) 5.9 ft
	LA: AC Power Cord (1.8m) 5.9 ft, HDMI Cable (1.8m) 5.9 ft, DP Cable (1.8m) 5.9 ft
	APJ (exclude Japan): AC Power Cord (1.8m) 5.9 ft, VGA Cable (1.8m) 5.9 ft, HDMI Cable (1.8m) 5.9 ft
	APJ Japan: AC Power Cord (1.8m) 5.9 ft, VGA Cable (1.8m) 5.9 ft, HDMI Cable (1.8m) 5.9 ft, DP Cable (1.8m) 5.9 ft
	EMEA: AC Power Cord (1.8m) 5.9 ft, VGA Cable (1.8m) 5.9 ft, HDMI Cable (1.8m) 5.9 ft

Technical Specifications

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		