

Technical Specifications

HP E22 G4 FHD Monitor



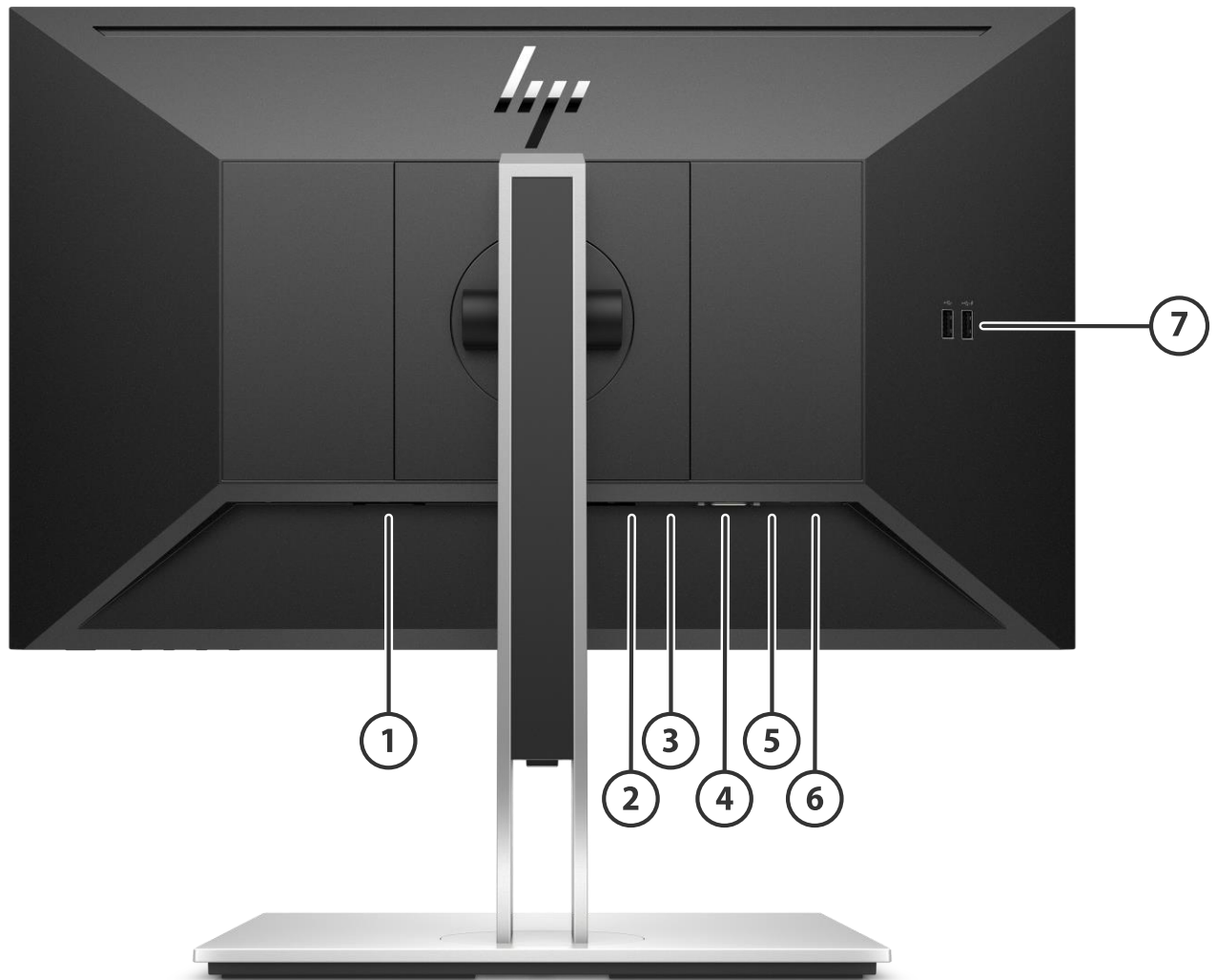
Front

1. OSD Buttons

2. Power Button

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Back

1. PowerConnector
2. DisplayPort™
3. HDMI Port
4. VGA Port

5. USB-B Port
6. USB-A Ports (2)
7. USB-A Ports (2)

Technical Specifications

Models: 9VH72AA

Panel Specifications	Display Size (Diagonal)	21.5-in
	Display Panel Type	IPS
	Micro-Edge Bezel	Yes, 3-sided
	Curved Panel	N/A
	Native Resolution/Timing	1920×1080 @ 60 Hz
	Panel Bit Depth	8bit (6bit + FRC)
	Aspect Ratio	16:9
	Brightness - Typical	250 cd/m ²
	Static Contrast Ratio - Typical	1000:1
	Dynamic Contrast Ratio (DCR)	5M:1
	Flicker Free	Yes
	Pixel Pitch	0.24795(H)mm x 0.24795(V)mm
	Pixels Per Inch (PPI)	94
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes
	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)	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 Management	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, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
	RGB Channel Adjust	Yes

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Monitor Specifications	Exterior Color of Monitor Bezel and Stand Plug & Play Tilt Swivel Pivot Height Adjustment Range VESA Mounting Security Lock Ready Detachable Base Warranty	Black head, Silver stand Yes -5° to +23° ±45° ±90° 150mm 100mm x 100mm Yes Yes Based on region
On Screen Display (OSD)	On Screen Display User Controls User Programmable Modes Monitor Control Buttons or Switches User-Assignable Function Buttons Languages	Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit Yes, 10 Menu/OK, Minus ("-")/Brightness, Plus ("+")/Color, Back/Input, Power Yes, 4 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	DisplayPort™ HDMI VGA USB-A USB-B HDCP support	1, DisplayPort™ 1.2 1, HDMI 1.4 1 4 1 Yes, (DisplayPort™ and HDMI)
Power & Operating Specs	Power Supply Power Source Power Consumption - Maximum Energy Saving Power Consumption - Typical Power cable length	Internal 100 – 240 VAC 50/60 Hz 50 W 0.5 W 23 W 1.9 m
Energy Star Data	Operational Mode at 100 VAC Operational Mode at 115 VAC Operational Mode at 230 VAC	11 W 11 W 11 W
EU Energy Efficiency Class (ERP lot-5)	On-mode Power Consumption Annual Power Consumption Energy Efficiency Class	11 W 16 kWh D
Operating Conditions	Operating Temperature - Celsius Operating Temperature - Fahrenheit Non-operating Temperature - Celsius Non-operating Temperature - Fahrenheit Operating Humidity Non-operating Humidity Operating Altitude Non-operating Altitude Mercury-free LED display backlighting	5° – 35°C 41° – 95°F -34° – 60°C 29° – 140°F 20 – 80% Relative Humidity (non-condensing) 5 – 95% 0 – 5,000 m (16,400 ft.) 0 – 12,192 m (40,000 ft.) Yes, Mercury-free LED backlighting

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Environmental Features and Certifications	Arsenic-Free Display Glass	Yes
	Low Halogen**	Yes GSE HP-00011-01B, table 2 defines low-halogen (BFR, CFR, PVC)
	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, ENERGY STAR® 8
	EPEAT® 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.

Contains Recycled Plastics	Contains Recycled Plastics	85% recycled content by total weight	
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	Metric	Imperial
	Product Dimensions (Packed) (W x D x H)	48.87 x 20.07 x 48.06 cm	19.24 x 8.15 x 18.92 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	56.5 x 35 x 21.1 cm	22.24 x 13.78 x 8.31 in
	Base Area Footprint (w x d mm)	48.87 x 4.7 x 29.46 cm	19.24 x 1.85 x 11.6 in
	Bezel Measurements	260 x 207 mm	10.24 x 8.15 in
	Product Weight (Unpacked with stand)	Bottom 19.5 mm	Bottom 0.76 in
	Product Weight (Packed)	5.3 kg	11.68 lb
	Product Weight (Head Only)	7.7 kg	17.0 lb
	Product Weight (Head Only)	2.88 kg	6.35 lb
	Display Management Software	HP Display Center	
What's in the box?	Power Cord (1.8m) 5.9 ft HDMI Cable (1.8m) 5.9 ft DP Cable (1.8m) 5.9 ft USB A-B Cable (1.8m) 5.9 ft		

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**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.

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Summary

Change Log			
January 3, 2021	V1 to V2		Techspecs Updated
February 28, 2021	V2 to V3		Energy Efficiency Class Updated
April 13, 2021	V3 to V4	Update	VESA Mounting Specs
September 14, 2022	V4 to V5	Update	Product dimensions
	V5 to V6		