

### Technical Specifications

#### HP E22 G4 FHD Monitor



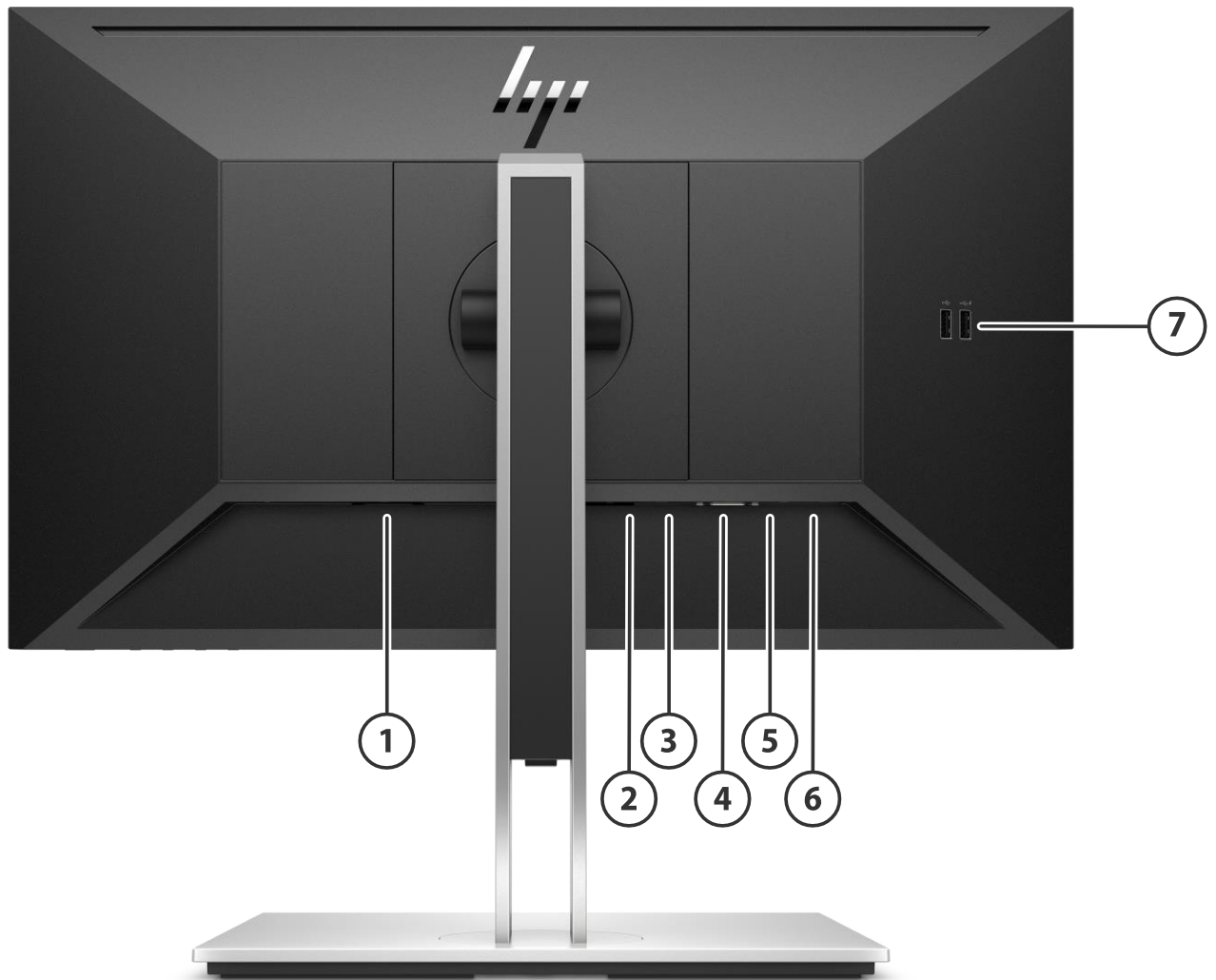
#### Front

1. OSD Buttons

2. Power Button

### Technical Specifications

#### HP P22 G4 Monitor



#### Back

1. Power Button
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: 1A7E4AA

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b>	21.5-in
	<b>Display Panel Type</b>	IPS
	<b>Micro-Edge Bezel</b>	Yes, 3-sided
	<b>Curved Panel</b>	N/A
	<b>Native Resolution/Timing</b>	1920×1080 @ 60 Hz
	<b>Native Resolution Note*</b>	1 VGA, 1 HDMI 1.4, 1 DisplayPort 1.2
	<b>Panel Bit Depth</b>	6bit + HiFRC
	<b>Aspect Ratio</b>	16:9
	<b>Brightness - Typical</b>	250 cd/m <sup>2</sup>
	<b>Static Contrast Ratio - Typical</b>	1000:1
	<b>Dynamic Contrast Ratio (DCR)</b>	10,000,000:1
	<b>Flicker Free</b>	Yes
	<b>Pixel Pitch</b>	0.24795(H)mm x 0.24795(V)mm
	<b>Pixels Per Inch (PPI)</b>	94
	<b>Backlight Lamp Life (to half brightness - in hours)</b>	30k minimum
	<b>Anti-Glare Panel</b>	Yes
	<b>Response Time - Typical</b>	5ms (gray to gray)
	<b>Horizontal Viewing Angle (typical CR&gt;10)</b>	178°
	<b>Vertical Viewing Angle (typical CR&gt;10)</b>	178°
	<b>Panel Active Area (w x h)</b>	476.06mm x 267.79mm
	<b>Preset Graphic Modes/Supported Resolutions</b>	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
	<b>Maximum Resolution</b>	1920 x 1080 @ 60 Hz
	<b>Recommended Resolution</b>	1920 x 1080 @ 60 Hz
	<b>Vertical Scan Range</b>	50Hz - 60Hz
	<b>Horizontal Scan Range</b>	30KHz - 80KHz
	<b>Default Color Temperature</b>	Neutral (6500K)
	*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.

<b>Color Gamut Coverage</b>	<b>NTSC</b>	72%
<b>Color Management</b>	<b>Factory Color Calibrated</b>	No
	<b>Factory Color Presets</b>	No
	<b>Color Space / Subsampling Support</b>	RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2
	<b>Default Color Temperature</b>	Neutral (6500K)
	<b>Low Blue Light Modes</b>	Yes

### Technical Specifications

	<b>RGB Channel Adjust</b>	No
<b>Monitor Specifications</b>	<b>Exterior Color of Monitor Bezel and Stand</b>	Black
	<b>Plug &amp; Play</b>	Yes
	<b>Tilt</b>	-5° to +23°
	<b>Swivel</b>	±45°
	<b>Pivot</b>	±90°
	<b>Height Adjustment Range</b>	150mm
	<b>VESA Mounting</b>	Yes, 100 mm with integrated mount or with included Bracket
	<b>Security Lock Ready</b>	Yes
	<b>Detachable Base</b>	Yes
	<b>Warranty</b>	Based on region
<b>On Screen Display (OSD)</b>	<b>On Screen Display User Controls</b>	Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit
	<b>User Programmable Modes</b>	Yes, 10
	<b>Monitor Control Buttons or Switches</b>	Menu/OK, Minus ("-")/Brightness, Plus ("+")/Color, Back/Input, Power
	<b>User-Assignable Function Buttons</b>	Yes, 4
	<b>Languages</b>	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
<b>Connector Types</b>	<b>DisplayPort™</b>	1, DisplayPort™ 1.2
	<b>HDMI</b>	1, HDMI 1.4
	<b>VGA</b>	1
	<b>USB-A</b>	4
	<b>USB-B</b>	1
	<b>HDCP support</b>	Yes, (DisplayPort™ and HDMI)
<b>Power &amp; Operating Specs</b>	<b>Power Supply</b>	Internal
	<b>Power Source</b>	100 – 240 VAC 50/60 Hz
	<b>Power Consumption - Maximum</b>	50 W
	<b>Energy Saving</b>	0.5 W
	<b>Power Consumption - Typical</b>	23 W
	<b>Power cable length</b>	1.9 m
<b>Energy Star Data</b>	<b>Operational Mode at 100 VAC</b>	11 W
	<b>Operational Mode at 115 VAC</b>	11 W
	<b>Operational Mode at 230 VAC</b>	11 W
<b>EU Energy Efficiency Class (EC1062)</b>	<b>On-mode Power Consumption (EC 1062/2010)</b>	11 W
	<b>Annual Power Consumption (EC 1062/2010)</b>	16 kWh
	<b>Energy Efficiency Class (EC 1062/2010)</b>	A+
<b>Operating Conditions</b>	<b>Operating Temperature - Celsius</b>	5° – 35°C
	<b>Operating Temperature - Fahrenheit</b>	41° – 95°F
	<b>Non-operating Temperature - Celsius</b>	-34° – 60°C
	<b>Non-operating Temperature - Fahrenheit</b>	29° – 140°F
	<b>Operating Humidity</b>	20 – 80% Relative Humidity (non-condensing)
	<b>Non-operating Humidity</b>	5 – 95%
	<b>Operating Altitude</b>	0 - 5,000 m (16,400 ft.)

### Technical Specifications

	<b>Non-operating Altitude</b>	0 – 12,192 m (40,000 ft.)
<b>Environmental Features and Certifications</b>	<b>Mercury-free LED display backlighting</b>	Yes, Mercury-free LED backlighting
	<b>Arsenic-Free Display Glass</b>	Yes
	<b>Low Halogen**</b>	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.
	<b>Agency Approvals and Certifications</b>	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
	<b>Microsoft WHQL Certification</b>	Win 10, Win 8, Win 7
	<b>ENERGY STAR®</b>	Yes, ENERGY STAR® 8
	<b>EPEAT® 2019 Registered*</b>	Yes, Sliver
	<b>China Energy Label</b>	CEL Grade 1
	<b>TCO Certified</b>	Yes
	<b>SmartWay Transport Partnership - NA only</b>	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.

<b>Unit Product/Package Specifications</b>	<b>Product Dimensions</b> (Unpacked with stand) (W x D x H)	<b>Metric</b>	<b>Imperial</b>
			48.87 x 48.06 x 20.07 cm
	<b>Product Dimensions</b> (Packed) (W x D x H)	56.5 x 21.1 x 35 cm	22.24 x 8.31 x 13.78 in
	<b>Display Head Dimensions</b> (Unpacked without stand) (W x D x H)	48.87 x 29.46 x 4.7 cm	19.24 x 11.6 x 1.85 in
	<b>Base Area Footprint</b> (w x d mm)	260 x 207 mm	10.24 x 8.15 in
	<b>Bezel Measurements</b>	Bottom 19.5 mm	Bottom 0.76 in
	<b>Product Weight</b> (Unpacked with stand)	5.3 kg	11.68 lb
	<b>Product Weight</b> (Packed)	7.7 kg	17.0 lb
	<b>Product Weight</b> (Head Only)	2.88 kg	6.35 lb
<b>Display Management Software</b>	HP Display Center		
<b>What's in the box?</b>	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		

## 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*

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Summary

**Change Log**

Change Log			
	V1 to V2		