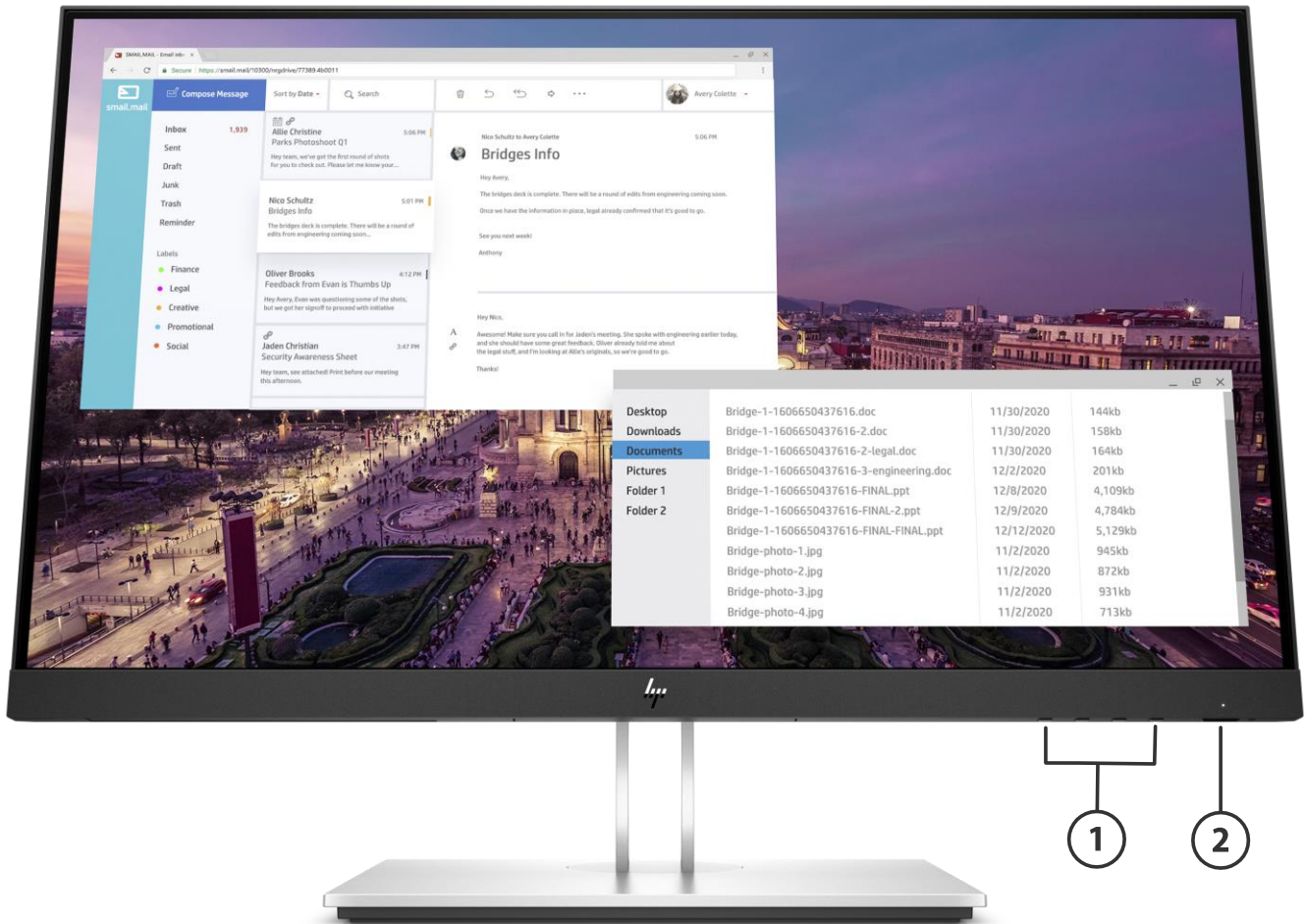


### Technical Specifications

#### HP E23 G4 FHD Monitor



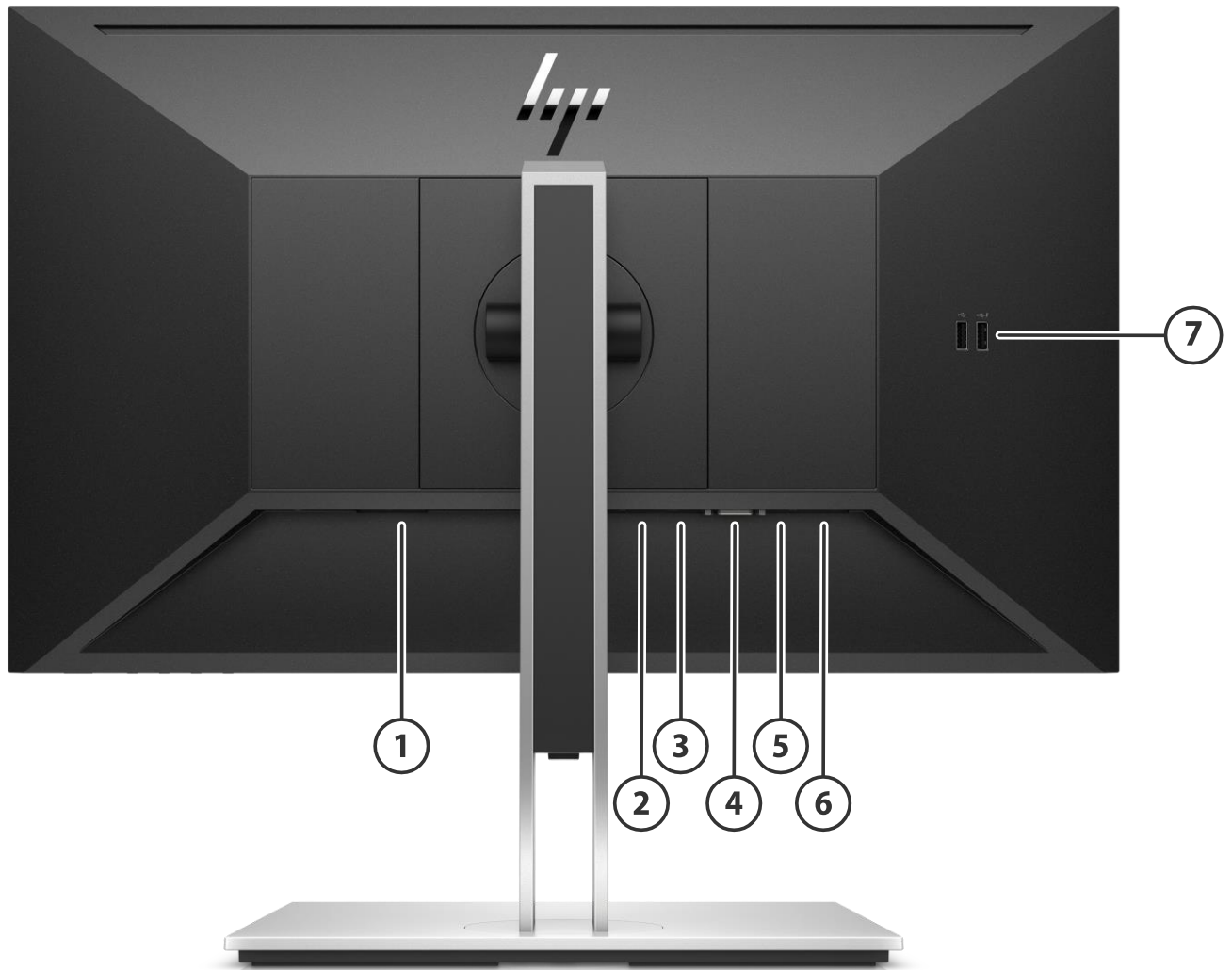
1. OSD Buttons

#### Front

2. Power Button

### Technical Specifications

#### HP E23 G4 FHD Monitor



#### Back

1. Power Connector
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: 7UZ37AA

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b> 23-in <b>Display Panel Type</b> IPS <b>Micro-Edge Bezel</b> Yes, 3-sided <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> 6 + FRC <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> 5,000,000:1 <b>Flicker Free</b> Yes <b>Pixel Pitch</b> 0.2652(H)mm x 0.2652(V)mm <b>Pixels Per Inch (PPI)</b> 96 <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> 509.18mm x 286.42mm <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) <b>Maximum Pixel Clock Speed</b> 170MHz *VGA or DisplayPort™ 1.2 or HDMI 1.4 required to drive panel at its native resolution
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**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>	Yes, Gain
<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>	150 mm
	<b>VESA Mounting</b>	Yes
	<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, HDMI1.4
	<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>	51 W
	<b>Energy Saving</b>	0.5 W
	<b>Power Consumption - Typical</b>	26 W
	<b>Power cable length</b>	1.9 m
<b>Energy Star Data</b>	<b>Operational Mode at 100 VAC</b>	12.72 W
	<b>Operational Mode at 115 VAC</b>	12.75 W
	<b>Operational Mode at 230 VAC</b>	12.61 W
<b>EU Energy Efficiency Class (EC1062)</b>	<b>On-mode Power Consumption (EC 1062/2010)</b>	16 W
	<b>Annual Power Consumption (EC 1062/2010)</b>	24 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.)
<b>Non-operating Altitude</b>	0 – 12,192 m (40,000 ft.)	

### Technical Specifications

<b>Environmental Features and Certifications</b>	<b>Mercury-free LED display backlighting</b> <b>Arsenic-Free Display Glass</b> <b>Low Halogen**</b>	Yes, Mercury-free LED backlighting Yes 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> <b>ENERGY STAR®</b> <b>EPEAT 2020 Registered</b> <b>China Energy Label</b> <b>TCO Certified</b> <b>SmartWay Transport Partnership - NA only</b>	Win 10, Win 8, Win 7 Yes, ENERGY STAR® 8 Yes, Sliver CEL Grade 1 Yes 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.

<b>Unit Product/Package Specifications</b>	<b>Product Dimensions</b>	<b><u>Metric</u></b>	<b><u>Imperial</u></b>
	(Unpacked with stand) (W x D x H)	52.16 x 20.7 x 48.98 cm	120.54 x 8.15 x 19.28 in
	<b>Product Dimensions</b> (Packed) (W x D x H)	58.1 x 22.3 x 37.2 cm	22.87 x 8.78 x 14.65 in
	<b>Display Head Dimensions</b> (Unpacked without stand) (W x D x H)	52.16 x 4.7 x 31.31 cm	20.54 x 1.85 x 12.33 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 19.49 mm	Bottom 0.77 in
	<b>Product Weight</b> (Unpacked with stand)	5.4 kg	11.9 lb
	<b>Product Weight</b> (Packed)	8.0 kg	17.6 lb
	<b>Product Weight</b> (Head Only)	3.12 kg	6.87 lb

**Software Included** HP Display Center

<b>What's in the box?</b>	1 HDMI 1 DisplayPort™ (DisplayPort™ 1.2) 1 USB-A-B cable 1 Power Cord 1 QSP 1 Doc-Kit (*A3 Without Video Cables)	(1.8 m) 5.9 ft (1.8 m) 5.9 ft (1.8 m) 5.9 ft (1.9 m) 6.2 ft
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### Technical Specifications

**User Guide and  
Warranty Languages**

**User Guide Languages**

**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.

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		