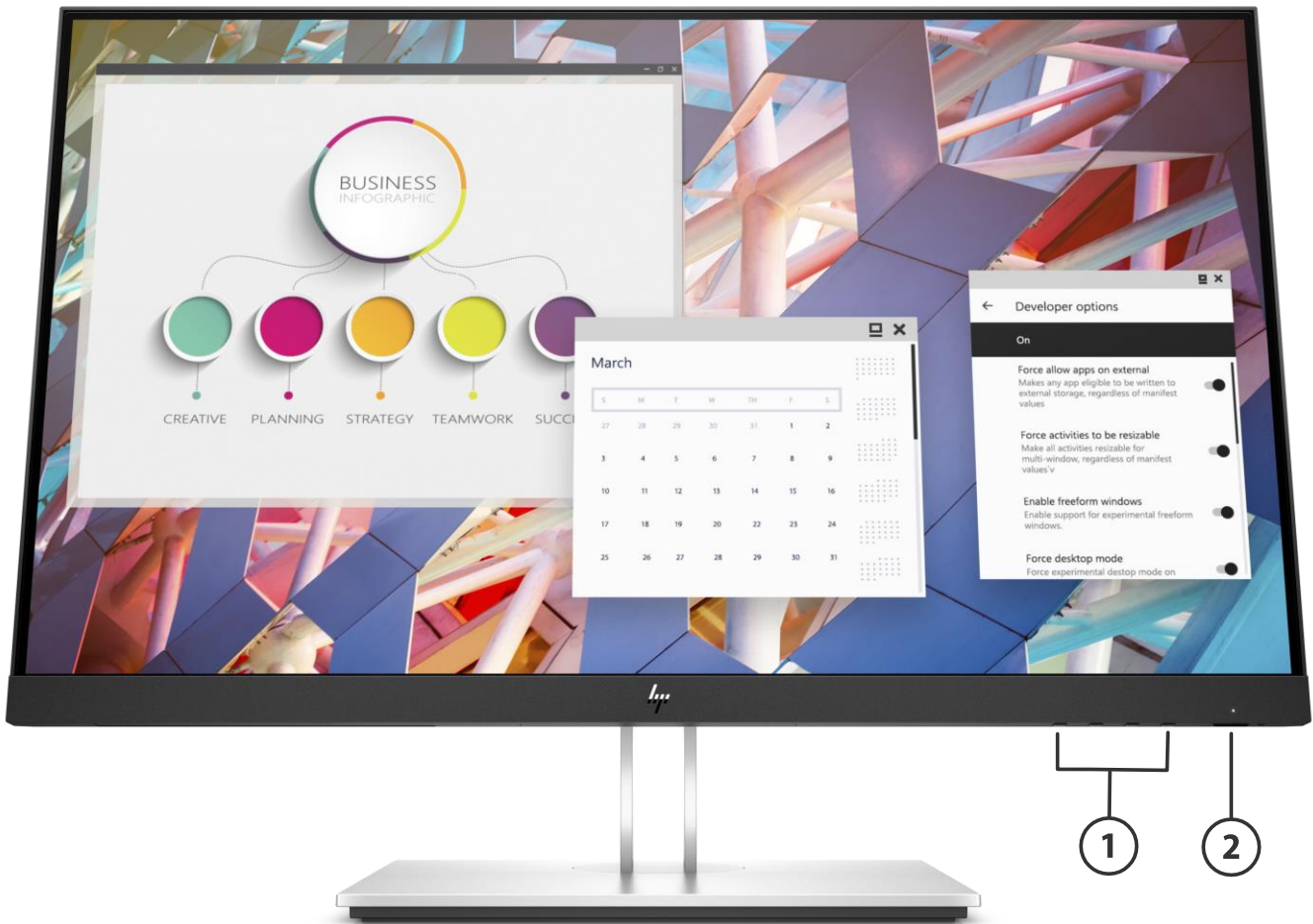


### Technical Specifications

#### HP E24 G4 FHD Monitor



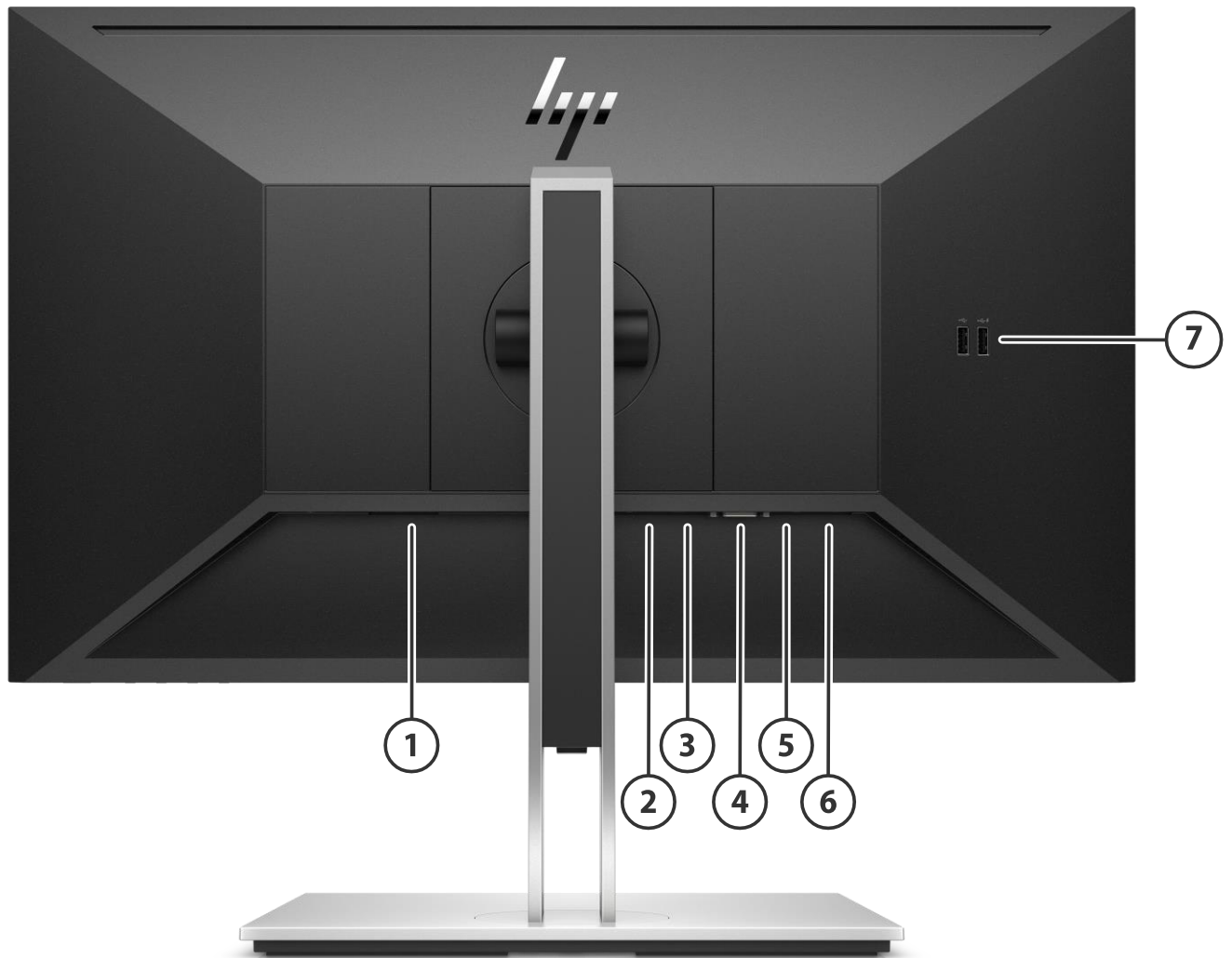
#### Front

1. OSD Buttons

2. Power Button

### Technical Specifications

#### HP E24 G4 FHD 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:** 9VF99AA

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b>	23.8-in
	<b>Display Panel Type</b>	IPS
	<b>Micro-Edge Bezel</b>	Yes, 3-sided
	<b>Native Resolution/Timing</b>	1920 x 1080 @60Hz
	<b>Panel Bit Depth</b>	8-bit (16.7million color)
	<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>Static Contrast Ratio - Minimum</b>	700:1
	<b>Dynamic Contrast Ratio (DCR)</b>	5M:1
	<b>Flicker Free</b>	Yes
	<b>Pixel Pitch</b>	0.2745 (H) x 0.2745(V)
	<b>Pixels Per Inch (PPI)</b>	92.5
	<b>Backlight Lamp Life (to half brightness - in hours)</b>	30k minimum
	<b>Anti-Glare Panel</b>	Yes (Haze 25%)
	<b>Response Time - Typical</b>	5ms
	<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>	527.04(H) x 296.46(V) mm
	<b>Preset Graphic Modes/Supported Resolutions</b>	640 x 480 @60Hz 720 x 400 @70Hz 800 x 600 @60Hz 1024 x 768 @60Hz 1280 x 720 @60Hz 1280 x 800 @60 Hz 1280 x 1024@60Hz 1440 x 900 @60Hz 1600 x 900 @60Hz 1680 x 1050 @60Hz 1920 x 1080 @60Hz
	<b>Maximum Resolution</b>	1920 x 1080 @60Hz
	<b>Recommended Resolution</b>	1920 x 1080 @60Hz
	<b>Vertical Scan Range</b>	50-60Hz
<b>Horizontal Scan Range</b>	30-80kHz	
<b>Default Color Temperature</b>	Neutral (6500K)	

**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>	≥CIE1931 NTSC 72% & ≥CIE1976 NTSC 83%
<b>Color Management</b>	<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 (6500 K)
	<b>Low Blue Light Modes</b>	Yes
	<b>RGB Channel Adjust</b>	Yes
<b>Monitor Specifications</b>	<b>Exterior Color of Monitor Bezel and Stand</b>	Black
	<b>Plug &amp; Play</b>	Yes

### Technical Specifications

	<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, ships detached
	<b>Warranty</b>	3-3-0 US/JP/AP/EU 3-3-3 AP/PRC
<b>On Screen Display (OSD)</b>	<b>On Screen Display User Controls</b>	Brightness+, Color, Image, Input, Power, Menu, Management, Information (Power delivery up to 15W)
	<b>Monitor Control Buttons or Switches</b>	Menu, Minus ("-")/Information, Plus ("+") /Viewing Mode, OK/Next Active Input, Power
	<b>User-Assignable Function Buttons</b>	Yes, 3 (6 Options)
	<b>Languages</b>	10 (German, Dutch, T-Chinese and S-Chinese, English, Spanish, French, Italian, Japanese, Portuguese)
<b>Connector Types</b>	<b>DisplayPort™</b>	1 DisplayPort™ 1.2 in
	<b>HDMI</b>	1 HDMI1.4
	<b>VGA</b>	1
	<b>HDCP support</b>	Yes
<b>USB Port Specifications</b>	<b>USB Version</b>	3.2
	<b>USB Hub</b>	Yes
	<b>Downstream Ports</b>	4 Ports
	<b>Upstream Ports</b>	1 Port
	<b>Fast Charging USB Ports</b>	1 Port (Side) (USB-A)
	<b>Power Output Maximum</b>	Fast Charging: 7.5 W
<b>Special Features</b>	<b>User Presets</b>	Yes
	<b>User Updateable Firmware</b>	Yes
<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/Standby Mode</b>	0.5 W
	<b>Power Consumption - Typical</b>	26 W
	<b>Power cable length</b>	1.9 m
<b>EU Energy Efficiency Class (EC1062)</b>	<b>On-mode Power Consumption (EC 1062/2010)</b>	14 W
	<b>Annual Power Consumption (EC 1062/2010)</b>	26 kWh
	<b>Energy Efficiency Class (EC 1062/2010)</b>	A+
	<b>Visible Screen Size</b>	23.8" / 60,5 cm Diagonal
<b>Operating Conditions</b>	<b>Operating Temperature - Celsius</b>	5° – 35°C
	<b>Operating Temperature - Fahrenheit</b>	41°C – 95°F
	<b>Non-operating Temperature - Celsius</b>	-34° – 60°C
	<b>Non-operating Temperature - Fahrenheit</b>	-29° – 140°F

### Technical Specifications

	<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.)
<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>	WW certificate CE, CB, KC/KCC/NOM/ISO 9241-307/ EAC/TUV-GS/cTUVus/PSB/CCC/CEL/ISC/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE/BIS/CEC/E-Standby/Low Blue Light/CECP/TUV-S/CECP
	<b>Microsoft WHQL Certification</b>	Win 10, Win 8, Win 7
	<b>China Energy Label</b>	CEL Grade 1
	<b>SmartWay Transport Partnership - NA only</b>	Yes (NA SKU)

\*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> (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
	<b>Product Dimensions</b> (Packed) (W x D x H)	61.1 x 22.3 x 39.2 cm	24.06 x 8.78 x 15.43 in
	<b>Display Head Dimensions</b> (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
	<b>Base Area Footprint</b> (w x d mm)	260 x 207 mm	10.24 x 8.15 in
	<b>Bezel Measurements</b>	Bottom 19.59 mm (display chin)	Bottom 0.77 in (display chin)
	<b>Product Weight</b> (Unpacked with stand)	5.7 kg	12.54 lb
	<b>Product Weight</b> (Packed)	8.4 kg	18.5 lb
<b>Pallet Information</b>	<b>Product Weight</b> (Head Only)	3.27 kg	7.21 lb
	<b>Pallet Dimensions</b> (L x W x H)	1230 x 1150 x 2089 mm	48.43 x 45.28 x 82.24 in
	<b>Pallet Total Weight</b> (L x W x H)	40" GQ: 384 kg 40" HQ: 476 kg	40" GQ: 847 lbs 40" HQ: 1050 lbs
	<b>Pallet Layers</b>	GQ: 4 HQ: 5	
	<b>Pallet Product per Layer</b>	10	
	<b>Total Products per Pallet</b>	50	
	<b>Container Load, 20-Foot</b>	460	
<b>Container Load, 40-Foot</b>	960		
<b>Container Load, 40-Foot HighQ</b>	1152		

### Technical Specifications

<b>Software Included</b>	HP Display Assistant	
<b>What's in the box?</b>	1 HDMI	(1.8 m) 5.9 ft
	1 DisplayPort™ (DisplayPort™ 1.2)	(1.8 m) 5.9 ft
	1 Power Cord	(1.9 m) 6.2 ft
	1 USB cable	(1.8 m) 5.9 ft
	1 QSP	
1 Doc-Kit		
<b>User Guide and Warranty Languages</b>	<b>User Guide Languages</b>	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.
	<b>Warranty Languages</b>	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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