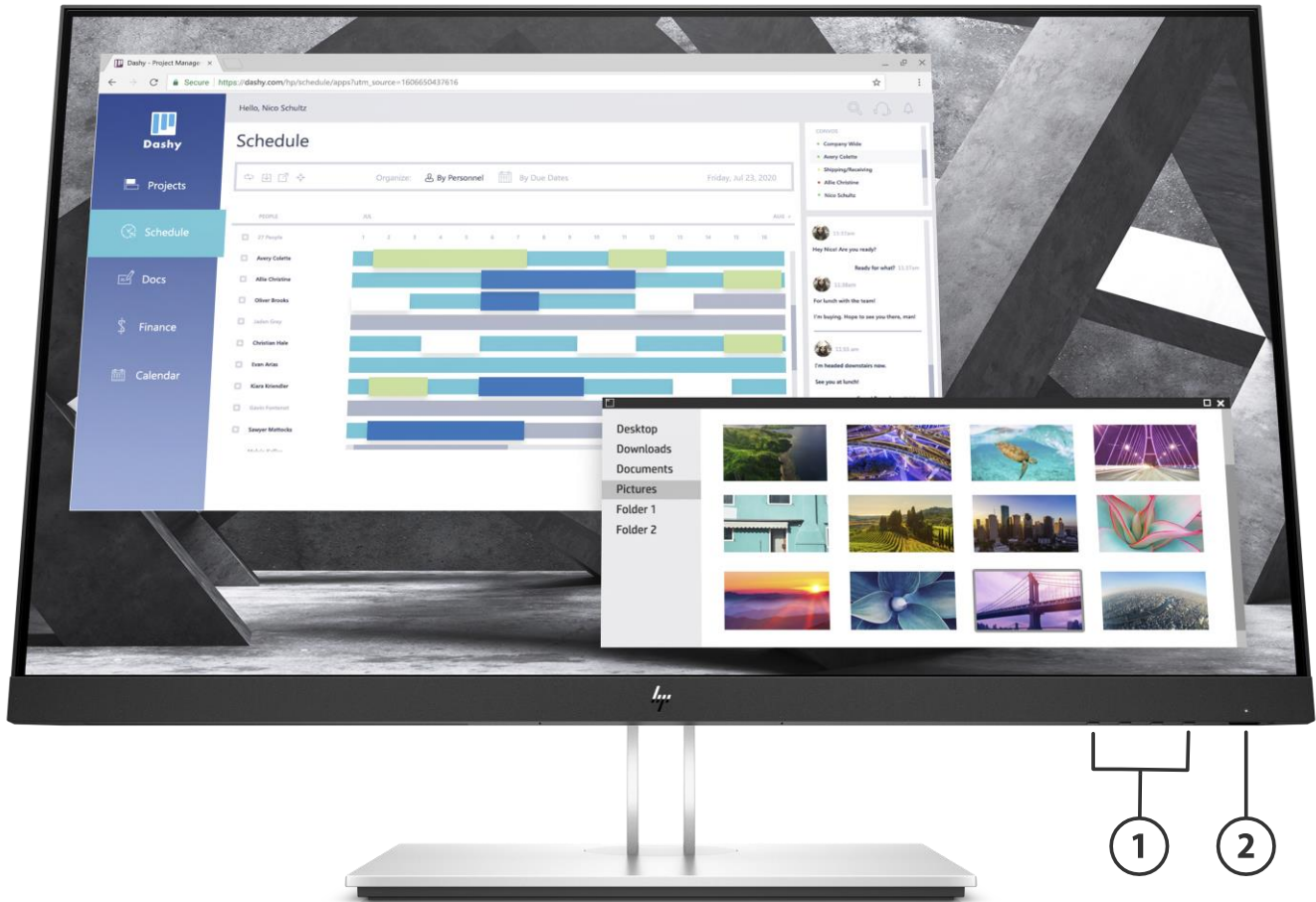


### Technical Specifications

#### HP E27q G4 QHD Monitor



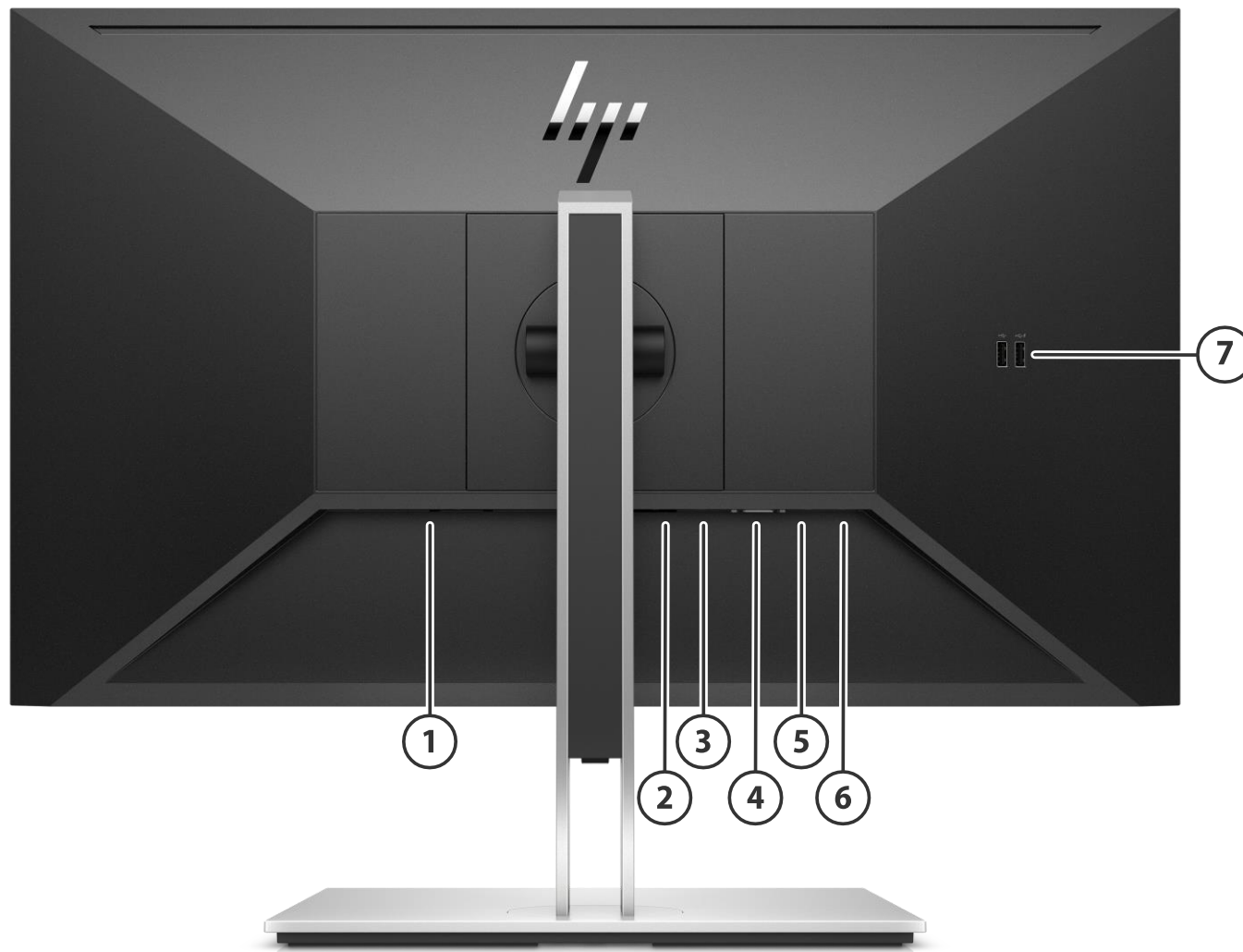
#### Front

1. OSD Buttons

2. Power Button

### Technical Specifications

#### HP E27q G4 QHD 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:** 9VG82AA

<b>Panel Specifications</b>	<b>Display Size (Diagonal)</b>	27-in
	<b>Display Panel Type</b>	IPS
	<b>Micro-Edge Bezel</b>	Yes, 3-sided
	<b>Native Resolution/Timing</b>	2560 x 1440 @60HZ
	<b>Panel Bit Depth</b>	8bit (6bit + 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>Static Contrast Ratio - Minimum</b>	700:1
	<b>Dynamic Contrast Ratio (DCR)</b>	5M:1
	<b>Flicker Free</b>	Yes
	<b>Pixel Pitch</b>	0.2331(H) x 0.2331(V) mm
	<b>Pixels Per Inch (PPI)</b>	109
	<b>Backlight Lamp Life (to half brightness - in hours)</b>	30k minimum
	<b>Anti-Glare Panel</b>	Yes
	<b>Response Time - Typical</b>	5ms GtG (with overdrive)
	<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>	596.736(H) x 335.664(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 1920 x 1200 @ 60Hz 2560 x 1080 @60Hz 2560 x 1440 @60Hz
	<b>Maximum Resolution</b>	2560 x 1440 @60Hz
	<b>Recommended Resolution</b>	2560 x 1440 @60Hz
	<b>Vertical Scan Range</b>	50-60 Hz
	<b>Horizontal Scan Range</b>	30-90 kHz
	<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>sRGB</b>	99% sRGB
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### Technical Specifications

<b>Color Management</b>	<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, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
	<b>RGB Channel Adjust</b>	Yes, Gain
<b>Monitor Specifications</b>	<b>Exterior Color of Monitor Bezel and Stand</b>	Black head, Silver stand/lack
	<b>Plug &amp; Play</b>	Yes
	<b>Tilt</b>	-5° to +20°
	<b>Swivel</b>	+/-45°
	<b>Pivot</b>	+/-90°
	<b>Height Adjustment Range</b>	150 mm
	<b>VESA Mounting</b>	100mm x 100mm
	<b>Security Lock Ready</b>	Yes
	<b>Detachable Base</b>	Yes, ships detached
	<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
	<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 HDMI 1.4
	<b>VGA</b>	1
	<b>HDCP support</b>	Yes, (DisplayPort™ and HDMI)
<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 USB-B port
	<b>Fast Charging USB Ports</b>	1 Ports (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>	60 W
	<b>Energy Saving/Standby Mode</b>	0.5 W
	<b>Power Consumption - Typical</b>	25 W
	<b>Power cable length</b>	1.9 m

### Technical Specifications

<b>EU Energy Efficiency Class (ERP lot-5)</b>	<b>On-mode Power Consumption</b>	16 W
	<b>Annual Power Consumption</b>	24 kWh
	<b>Energy Efficiency Class</b>	E
	<b>Visible Screen Size</b>	27" / 68,6 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
	<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/NRTL/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>ENERGY STAR®</b>	Yes, ENERGY STAR® 8
	<b>EPEAT® Registered*</b>	Yes
	<b>China Energy Label</b>	CEL Grade 1
	<b>TCO Certified</b>	Yes
	<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.

**Contains Recycled Plastics** 85% recycled content by total weight

### Technical Specifications

		<b>Metric</b>	<b>Imperial</b>
<b>Unit Product/Package Specifications</b>	<b>Product Dimensions</b> (Unpacked with stand) (W x D x H)	61.33 x 21.6 x 53.6 cm	24.15 x 8.5 x 121.1 in
	<b>Product Dimensions</b> (Packed) (W x D x H)	69.5x 44.4 x 22.5 cm	27.36 x 17.48 x 8.86 in
	<b>Display Head Dimensions</b> (Unpacked without stand) (W x D x H)	61.33 x 4.7 x 36.61 cm	24.15 x 1.85 x 14.41 in
	<b>Base Area Footprint</b> (w x d mm)	287.97 x 215.97 mm	11.34 x 8.5 in
	<b>Bezel Measurements</b>	Bottom 21.17 mm	
	<b>Product Weight</b> (Unpacked with stand)	(display chin)	Bottom 0.83 in
	<b>Product Weight</b> (Packed)	(display chin)	
	<b>Product Weight</b> (Head Only)	4.5kg	9.92 lb
<b>Software Included</b>	HP Display Center		
<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 USB-A-B cable	(1.8m) 5.9 ft	
	1 Power Cord	(1.9 m) 6.2 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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### Summary

#### Change Log

Change Log			
January 3, 2021	V1 to V2		Techspecs Updated
February 28, 2021	V2 to V3		Energy Efficiency Class
April 13, 2021	V3 to V4	Update	VESA Mounting Specs
July 30, 2021	V4 to V5	Update	Agency Approvals and Certifications