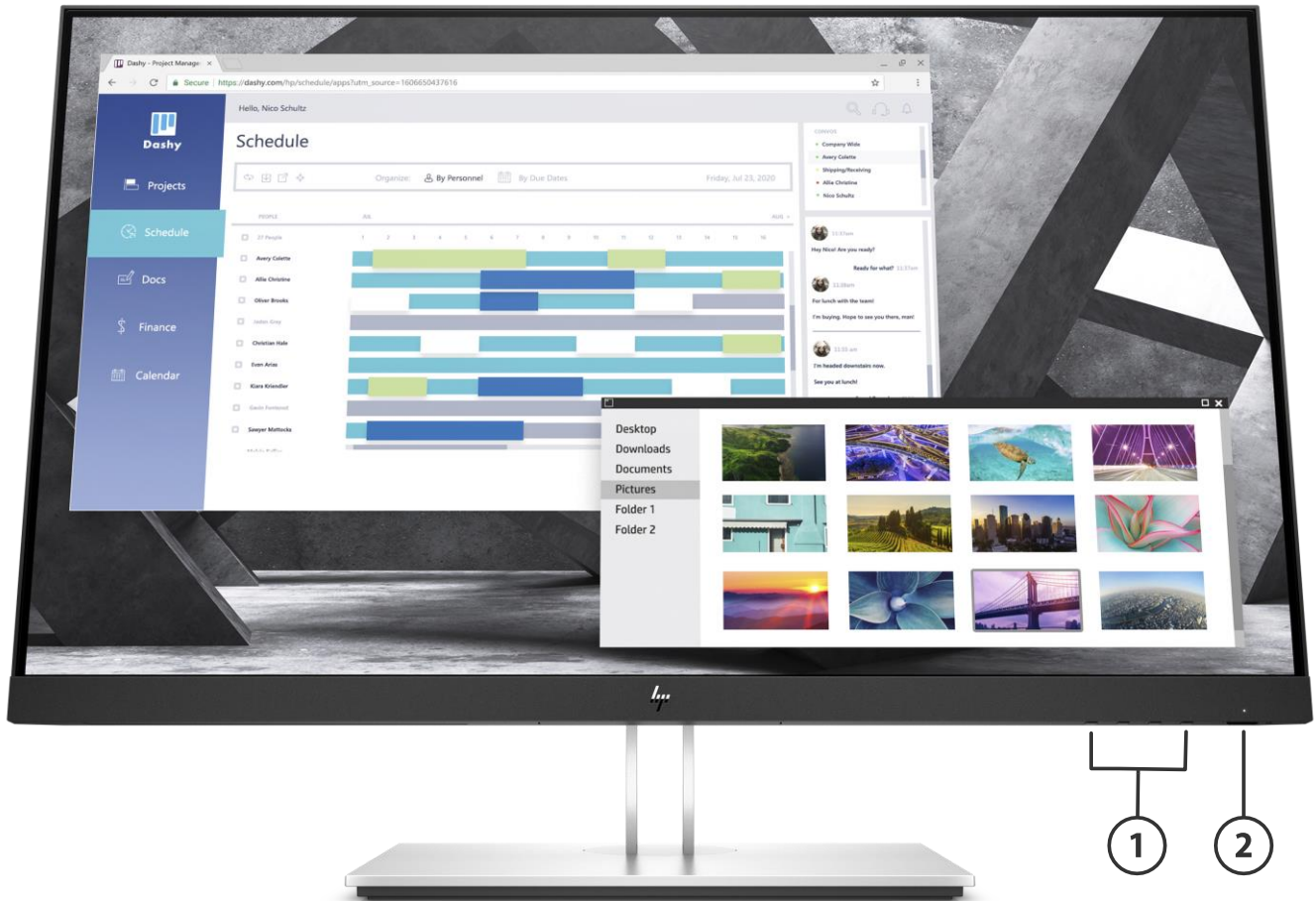


Technical Specifications

HP E27q G4 QHD Monitor



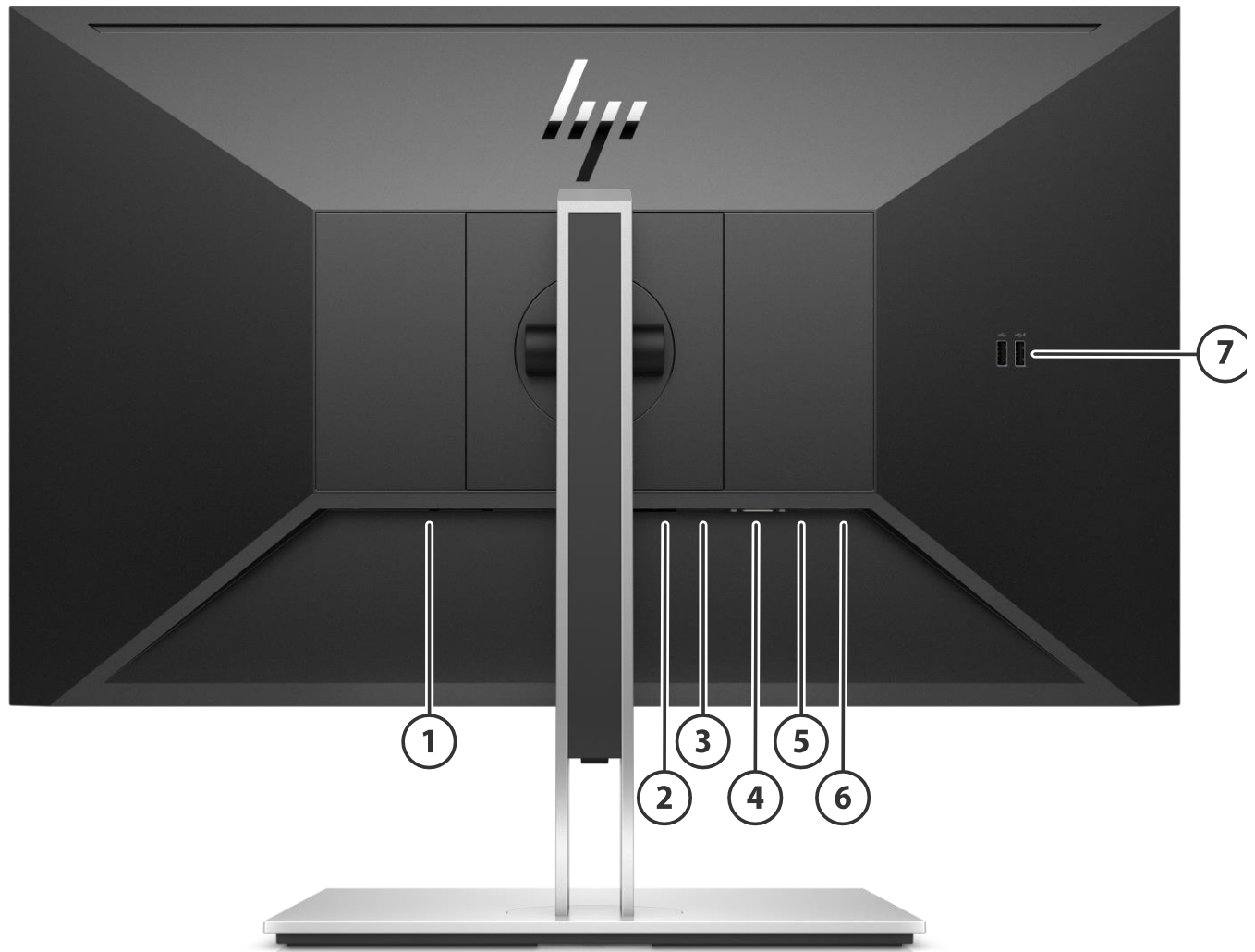
1. OSD Buttons

Front

2. Power Button

Technical Specifications

HP E27q G4 QHD Monitor



Back

- | | | | |
|----|--------------|----|-----------------|
| 1. | Power Button | 5. | USB-B Port |
| 2. | DisplayPort™ | 6. | USB-A Ports (2) |
| 3. | HDMI Port | 7. | USB-A Ports (2) |
| 4. | VGA Port | | |

Technical Specifications

Models: 9VG82AA

Panel Specifications	Display Size (Diagonal)	27-in
	Display Panel Type	IPS
	Micro-Edge Bezel	Yes, 3-sided
	Native Resolution/Timing	2560 x 1440 @60Hz
	Panel Bit Depth	8-bit (16.7million color)
	Aspect Ratio	16:9
	Brightness - Typical	300 cd/m ²
	Static Contrast Ratio - Typical	1000:1
	Static Contrast Ratio - Minimum	700:1
	Dynamic Contrast Ratio (DCR)	5M:1
	Flicker Free	Yes
	Pixel Pitch	0.2331(H) x 0.2331(V)
	Pixels Per Inch (PPI)	109
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes
	Response Time - Typical	5 ms
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Panel Active Area (w x h)	596.736(H) x 335.664(V) mm
	Preset Graphic Modes/Supported Resolutions	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
	Maximum Resolution	2560 x 1440 @60Hz
	Recommended Resolution	2560 x 1440 @60Hz
	Vertical Scan Range	50-60 Hz
Horizontal Scan Range	30-90 kHz	
Default Color Temperature	Neutral (6500K)	
NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.		
Color Gamut Coverage	sRGB	99% sRGB
Color Management	Factory Color Presets	No
	Color Space / Subsampling Support	RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2
	Default Color Temperature	Neutral (6500 K)
	Low Blue Light Modes	Yes
	RGB Channel Adjust	Yes, Gain

Technical Specifications

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 Yes -5° to +20° +/-45° +/-90° 150 mm Yes, 100 mm with integrated mount or with included bracket Yes Yes, ships detached Based on region
On Screen Display (OSD)	On Screen Display User Controls Monitor Control Buttons or Switches User-Assignable Function Buttons Languages	Brightness+, Color, Image, Input, Power, Menu, Management, Information Menu, Minus ("-")/Information, Plus ("+") /Viewing Mode, OK/Next Active Input, Power Yes, 3 (6 Options) 10 (German, Dutch, T-Chinese and S-Chinese, English, Spanish, French, Italian, Japanese, Portuguese)
Connector Types	DisplayPort™ HDMI VGA HDCP support	1 DisplayPort™ 1.2 in 1 HDMI 1.4 1 Yes
USB Port Specifications	USB Version USB Hub Downstream Ports Upstream Ports Fast Charging USB Ports Power Output Maximum	3.2 Yes 4 Ports 1 Port 1 Ports (Side) (USB-A) Fast Charging: 7.5 W
Special Features	User Presets User Updateable Firmware	Yes Yes
Power & Operating Specs	Power Supply Power Source Power Consumption - Maximum Energy Saving/Standby Mode Power Consumption - Typical Power cable length	Internal 100 – 240 VAC 50/60 Hz 60 W 0.5 W 25 W 1.9 m
EU Energy Efficiency Class (EC1062)	On-mode Power Consumption (EC 1062/2010) Annual Power Consumption (EC 1062/2010) Energy Efficiency Class (EC 1062/2010) Visible Screen Size	16 W 24 kWh A+ 27" / 68,6 cm Diagonal
Operating Conditions	Operating Temperature - Celsius Operating Temperature - Fahrenheit Non-operating Temperature - Celsius	5°– 35°C 41°C – 95°F -34° – 60°C

Technical Specifications

	Non-operating Temperature - Fahrenheit	-29° - 140°F
	Operating Humidity	20 – 80% Relative Humidity (non-condensing)
	Non-operating Humidity	5 – 95%
	Operating Altitude	0 – 5,000 m (16,400 ft.)
	Non-operating Altitude	0 – 12,192 m (40,000 ft.)
Environmental Features and Certifications	Mercury-free LED display backlighting	Yes, Mercury-free LED backlighting
	Arsenic-Free Display Glass	Yes
	Low Halogen*	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.
	Agency Approvals and Certifications	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
	Microsoft WHQL Certification	Win 10, Win 8, Win 7
	China Energy Label	CEL Grade 1
	SmartWay Transport Partnership - NA only	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.

Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	Metric	Imperial
			61.33 x 21.6 x 53.6 cm
	Product Dimensions (Packed) (W x D x H)	69.5 x 44.4 x 22.5 cm	27.36 x 17.48 x 8.86 in
	Display Head Dimensions (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
	Base Area Footprint (w x d mm)	287.97 x 215.97 mm	11.34 x 8.5 in
	Bezel Measurements	Bottom 21.17 mm	
	Product Weight (Unpacked with stand)	(display chin)	Bottom 0.83 in
	Product Weight (Packed)	(display chin)	
	Product Weight (Head Only)	4.5kg	9.92 lb

Software Included HP Display Assistant

What's in the box?	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	

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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