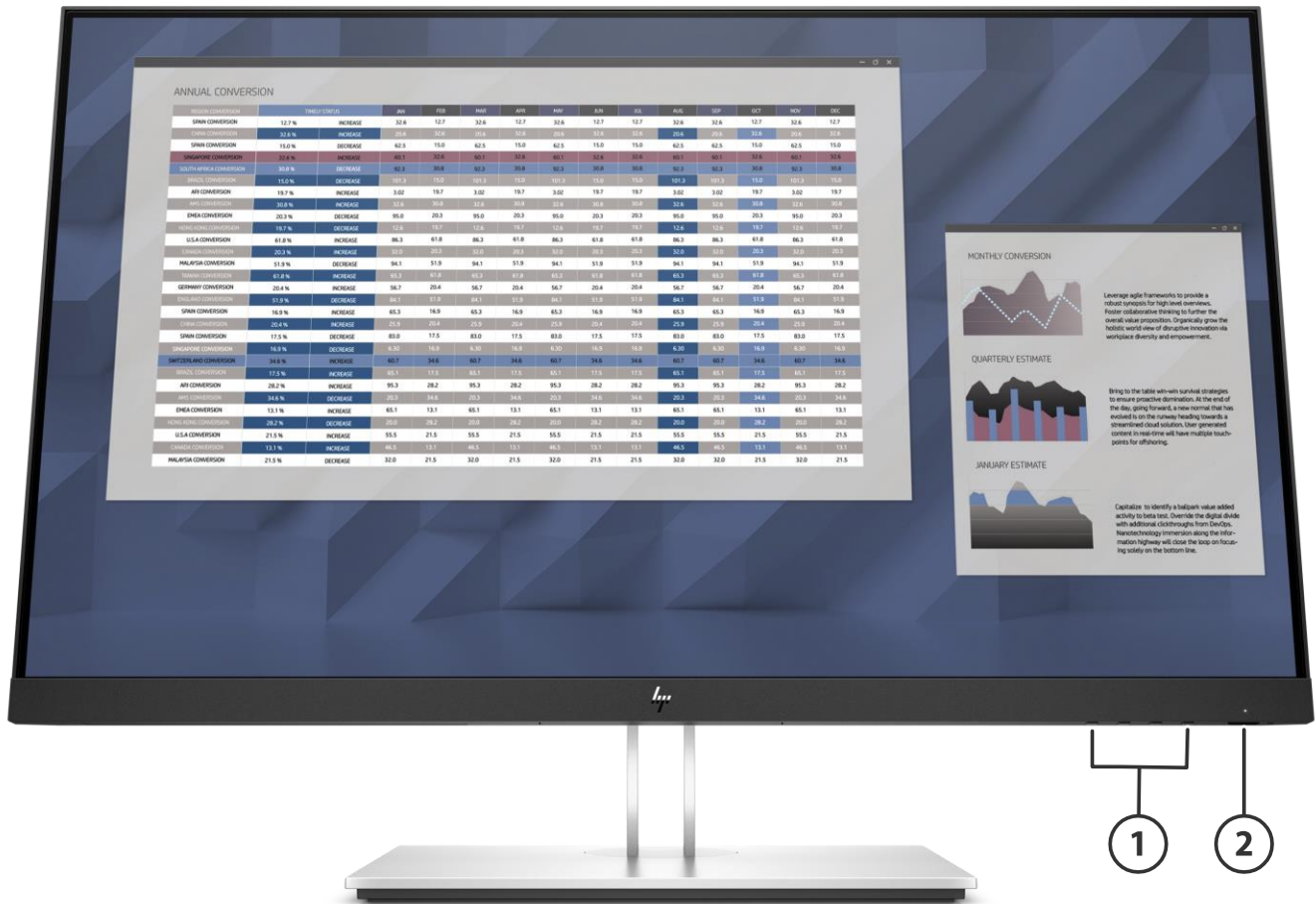


Technical Specifications

HP E27 G4 FHD Monitor



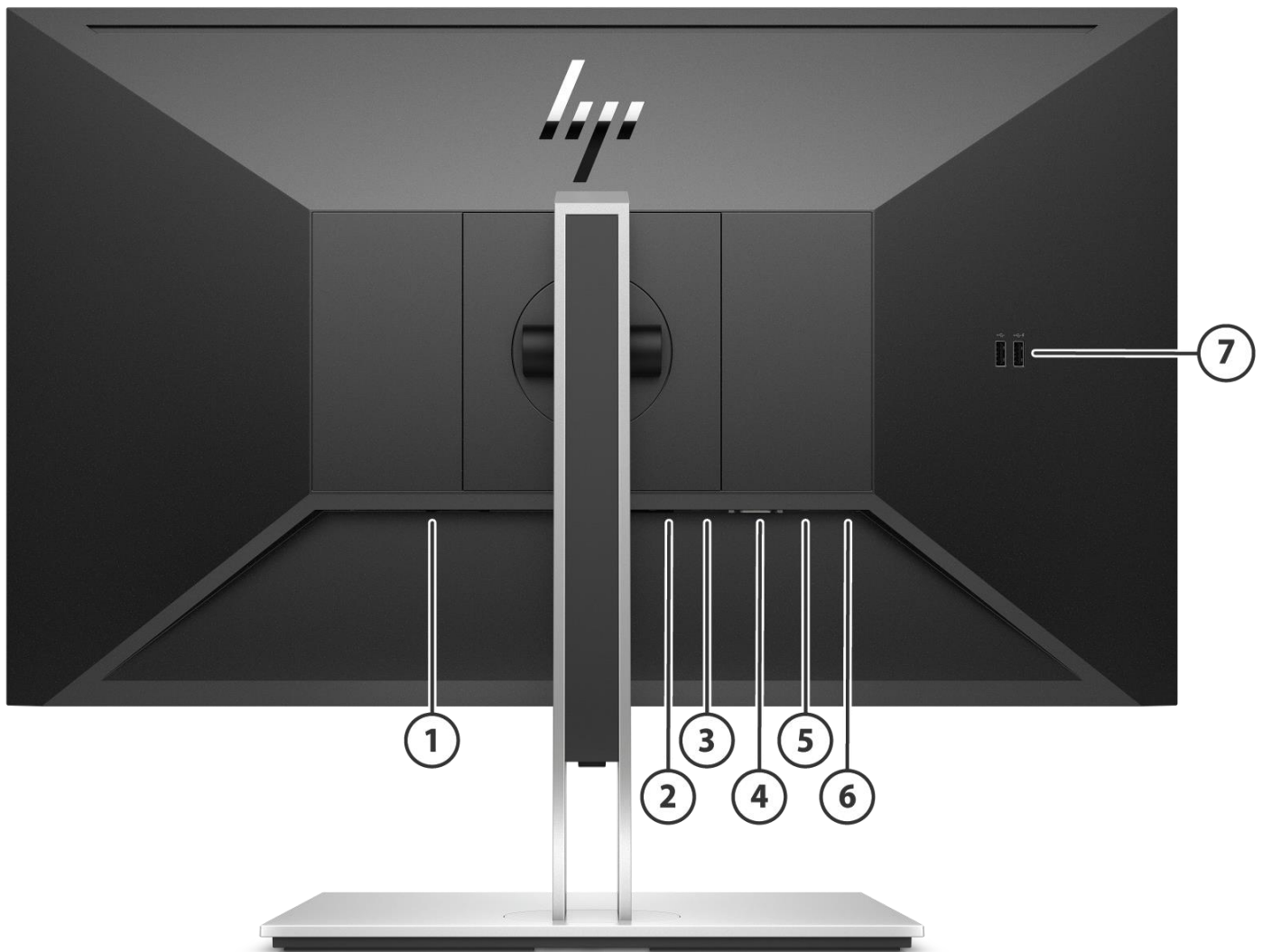
Front

1. OSD Buttons

2. Power Button

Technical Specifications

HP E27 G4 FHD Monitor



Back

- | | | | |
|----|------------------|----|-----------------|
| 1. | Power Connector | 5. | USB-B Port |
| 2. | DisplayPort™ 1.2 | 6. | USB-A Ports (2) |
| 3. | HDMI 1.4 Port | 7. | USB-A Ports (2) |
| 4. | VGA Port | | |

Technical Specifications

Models: 9VG71AA

Panel Specifications	Display Size (Diagonal) 27-in Display Panel Type IPS Micro-Edge Bezel Yes, 3-sided Native Resolution/Timing 1920×1080 @ 60 Hz Panel Bit Depth 8bit (6bit + FRC) Aspect Ratio 16:9 Brightness - Typical 250 cd/m ² Static Contrast Ratio - Typical 1000:1 Dynamic Contrast Ratio (DCR) 5,000,000:1 Flicker Free Yes Pixel Pitch 0.3114(H)mm x 0.3114(V)mm Pixels Per Inch (PPI) 82 Backlight Lamp Life (to half brightness - in hours) 30k minimum Anti-Glare Panel Yes Response Time - Typical 5ms GtG (with overdrive) Horizontal Viewing Angle (typical CR>10) 178° Vertical Viewing Angle (typical CR>10) 178° Panel Active Area (w x h) 597.89mm x336.31 mm Preset Graphic Modes/Supported Resolutions 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 Maximum Resolution 1920 x 1080 @ 60 Hz Recommended Resolution 1920 x 1080 @ 60 Hz Vertical Scan Range 50Hz - 60Hz Horizontal Scan Range 30KHz - 80KHz Default Color Temperature Neutral (6500 K) Maximum Pixel Clock Speed 170 MHz <i>*VGA or DisplayPort™ 1.2 or HDMI 1.4 required to drive panel at its native resolution</i>
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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.

Color Gamut Coverage	NTSC 72%
Color Management	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, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified) RGB Channel Adjust Yes, Gain

Technical Specifications

Monitor Specifications	Exterior Color of Monitor Bezel and Stand	Black head, Silver stand	
	Plug & Play	Yes	
	Tilt	-5° to +23°	
	Swivel	±45°	
	Pivot	± 90°	
	Height Adjustment Range	150 mm	
	VESA Mounting	Yes	
	Security Lock Ready	Yes	
	Detachable Base	Yes	
	Warranty	Based on region	
On Screen Display (OSD)	On Screen Display User Controls	Brightness+, Color, Image ,Input, Power, Menu, Management, Information, Exit	
	User Programmable Modes	Yes, 10	
	Monitor Control Buttons or Switches	Menu/OK, Minus ("-")/Brightness, Plus ("+")/Color , Back/Input, Power	
	User-Assignable Function Buttons	Yes, 4	
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)	
Connector Types	DisplayPort™	1, DisplayPort™ 1.2	
	HDMI	1, HDMI1.4	
	VGA	1	
	USB-A	4	
	USB-B	1	
	HDCP support	Yes, (DisplayPort™ and HDMI)	
Power & Operating Specs	Power Supply	Internal	
	Power Source	100 – 240 VAC 50/60 Hz	
	Power Consumption - Maximum	53 W	
	Energy Saving/Standby Mode	0.5 W	
	Power Consumption - Typical	22 W	
	Power cable length	1.9 m	
Energy Star Data	Operational Mode at 100 VAC	11.68 W	
	Operational Mode at 115 VAC	11.64 W	
	Operational Mode at 230 VAC	11.69 W	
EU Energy Efficiency Class (ERP lot-5)	On-mode Power Consumption	13 W	
	Annual Power Consumption	19 kWh	
	Energy Efficiency Class	D	
Operating Conditions	Operating Temperature - Celsius	5° – 35°C	
	Operating Temperature - Fahrenheit	41°C -95°F	
	Non-operating Temperature - Celsius	-34° – 60°C	
	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.)	
		Mercury-free LED display backlighting	Yes, Mercury-free LED backlighting
		Arsenic-Free Display Glass	Yes

Technical Specifications

Environmental Features and Certifications	Low Halogen**	Yes GSE HP-00011-01B, table 2 defines low-halogen (BFR, CFR, PVC)
	Agency Approvals and Certifications	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
	Microsoft WHQL Certification	Win 10, Win 8, Win 7
	ENERGY STAR®	Yes, ENERGY STAR® 8
	EPEAT® Registered*	Yes
	China Energy Label	CEL Grade 1
	TCO Certified	Yes
	SmartWay Transport Partnership - NA only	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.

Contains Recycled Plastics 85% recycled content by total weight

Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	Metric	Imperial
			61.17 x 21.60 x 53.52 cm
	Product Dimensions (Packed) (W x D x H)	69.5 x 44.40 x 22.5 cm	27.36 x 17.48 x 8.86 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	61.17 x 4.7 x 36.36 cm	24.08 x 1.85 x 14.31 in
	Base Area Footprint (w x d mm)	287.97 x 215.97 mm	11.34 x 88.50 in
	Bezel Measurements	Bottom 21.38 mm	Bottom 0.84 in
	Product Weight (Unpacked with stand)	6.9 kg	15.12 lb
	Product Weight (Packed)	10.8 kg	23.81 lb
	Product Weight (Head Only)	4.3 kg	9.57 lb
	Container Load, 40-Foot HighQ	900 units	

Software Included HP Display Center

What's in the box? AC Power Cord (1.8m) 5.9 ft, HDMI Cable (1.8m) 5.9 ft, DP Cable (1.8m) 5.9 ft, 1 USB-B to A Cable

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

Technical Specifications

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