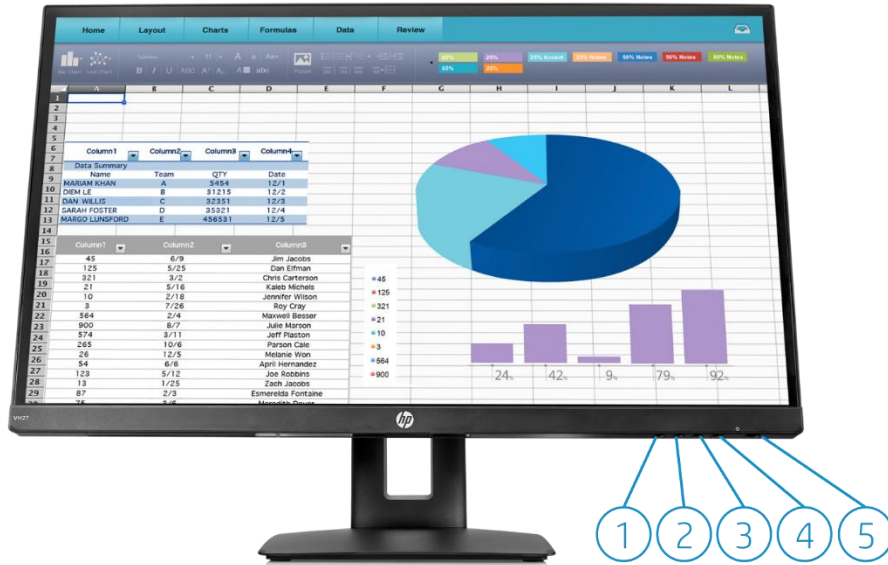
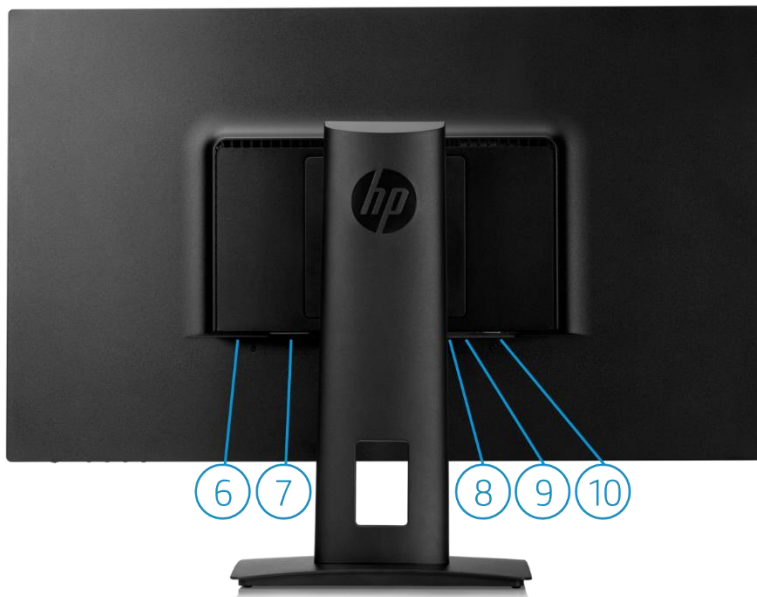


Overview

HP VH27 27-inch Monitor



- 1. Menu
- 2. Minus (“-“)
- 3. Plus (“+“)
- 4. Exit
- 5. Power



- 6. Security lock slot
- 7. Power connector
- 8. DisplayPort™
- 9. HDMI
- 10. VGA

Technical Specifications

Models: 2KZ36A - 3PL18A

Panel	<p>Type 27-inch IPS with LED backlight</p> <p>Viewable Image Area (diagonal) 68,58 cm (27 in) widescreen; diagonally measured</p> <p>Panel Active Area (W × H) 597.888 x 336.312 mm (23.54 × 13.24 in)</p> <p>Resolution 1920 x 1080 @ 60 Hz (Full HD)</p> <p>Aspect Ratio 16:9</p> <p>Viewing Angle* Up to 178° horizontal/178° vertical typical</p> <p>Brightness* 250 cd/m²</p> <p>Contrast Ratio* 1000:1 Static (Typical); 5,000,000:1 Dynamic (DCR)</p> <p>Response Times* 5 ms gray to gray</p> <p>Pixel Pitch* 0.3114 mm</p> <p>Pixels Per Inch (PPI)* 81.59</p> <p>Backlight Lamp Life* (to half brightness) 30,000 hours minimum</p> <p>Color Gamut* (Typical) 72% (NTSC)</p> <p>Color Support** Can display up to 16.7 million colors</p> <p>Default Color Temperature Neutral (6500)</p> <p>Low Blue Light Modes Yes</p>
<p>* Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</p> <p>** With the use of FRC technology.</p>	
User Controls	<p>Buttons or Switches Menu/OK, Information/Minus, Viewing Modes/Plus, Next Active Input/Exit, Power</p> <p>User-Assignable Function Buttons Yes, 3</p> <p>On Screen Display (OSD) User Controls Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit</p> <p>Audio Controls N/A</p> <p>Languages 10 (English, Spanish, German, French, Italian, Netherlands, Brazilian Portuguese, Japanese, T-Chinese and S-Chinese)</p>
Signal Interface/ Performance	<p>Horizontal Frequency 30–80 kHz</p> <p>Vertical Frequency 50–60 Hz</p> <p>Native Resolution 1920 x 1080 @ 60 Hz</p> <p>Preset Graphic Modes (non-interlaced) 640 x 480 @ 60Hz 720 x 400 @ 70Hz 800 x 600 @ 60Hz 1024 x 768 @ 60Hz 1280 x 720 @ 60Hz 1280 x 800 @ 60Hz 1280 x 1024 @ 60Hz</p>

Technical Specifications

		1440 x 900 @ 60Hz	
		1600 x 900 @ 60Hz	
		1680 x 1050 @ 60Hz	
		1920 x 1080 @ 60Hz	
	Maximum Pixel Clock Speed	170 MHz	
	Anti-Glare	Yes	
Video/Other Inputs	Plug and Play	Yes	
	Input Connectors	1 DP 1.1 1 VGA 1 HDMI 1.4	
		HDCP support on DP and HDMI input	
	Cables Included	1 DP 1,8 m (5.9 ft)* 1 VGA 1,8m (5.9ft)	
		<i>*Note: NA and LAR Only</i>	
Audio	Speakers	N/A	
Power	Power Supply	Internal	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	32 W	
	Typical Power	23 W	
	Sleep Power	0.5 W	
	Power Cable Length	1,83 m (6 ft)	
Mechanical	Dimensions (W × D × H)	Unpacked w/stand	62,15x 21,8 x 52,52 cm (24.47 x 8.58 x 20.68 in) (lowest setting)
		Unpacked w/o stand	62,15 x 4,6 x 37,16 cm (24.47 x 1.81 x 14.63 in) (head only)
		Packaged	71,0 x 21,9 x 47,3 cm (27.95 x 8.62 x 18.62 in)
	Weight	Head Only	3,98 kg (8.76 lb)
		Unpacked	6,1 kg (13.5 lb)
		Packaged	8,57 kg (18.9 lb)
Ergonomic Features	Detachable Stand	Yes	
	Tilt Range	-5° to +23°	
	Swivel	Yes, 360°	
	Pivot	Yes, 90°	
Environmental	Height	Yes, 100 mm	
	Temperature - Operating	5° to 35° C (41° to 95° F)	
	Temperature - Non-operating	-34° - 60° C (-29° - 140°F)	
	Humidity - Operating	20% to 80% non-condensing	

Technical Specifications

Humidity - Non-operating	5% to 95%
Altitude - Operating	0 to 5,000 m (0 to 16,400 ft)
Altitude - Non-operating	0 to 12,192 m (0 to 40,000 ft)
White LED Backlights	Yes
CCFL Panel	No
Arsenic-Free Display Glass	Yes
Low Halogen¹	Yes
Mercury-Free Display Backlights	Yes

Options (each sold separately)	HP Business PC Security Lock V2 Kit — Part number N3R93AA	Help prevent chassis tampering and secure your PC and display in workspaces and public areas. Simply route the cable through the PC's lock slot and your display, anchor to a desk, table, or other fixed surface, and lock with your individual key. A master key configuration is also available upon request.
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What's in the box?	Monitor and Accessories	HP VH27 27-inch Monitor Power cable 1,83 m (6 ft) VGA cable 1,8 m (5.9 ft) DP cable 1,8 m (5.9 ft)*
	Documentation	*NA and LAR Only Warranty card, QSP
	Software	HP Display Assistant

Other	User Guide Languages	English, French, Brazilian Portuguese, Spanish
	Warranty Languages	Brazilian Portuguese, Spanish
	Color	Black
	VESA Mounting	Yes, 100 mm
	Security Lock-Ready	Yes
	Country of Origin	China

Certification and Compliance ENERGY STAR[®] 7, EPEAT[®] Gold, TCO Certified, WHQL Certification (Win-10 RS2, Win-8, Win-7), CB/cTUVus/FCC/ICES/TCO, IEC60950-1

Compatibility Recommended for use with HP products.

Service and Warranty Protected by HP, including a 4 year standard limited warranty (may vary by region). Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties.³

Technical Specifications

Environmental Data	Eco-Label Certifications & declarations	This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks: <ul style="list-style-type: none"> IT ECO declaration TCO or TCO Certified Edge 		
	Energy Consumption (in accordance with US ENERGY STAR® test method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
	Normal Operation	20.12 W	20.01 W	19.62 W
	Sleep	0.35 W	0.35 W	0.35 W
	Off	0.3 W	0.3 W	0.25 W
	Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz
	Normal Operation	69 BTU/hr	68 BTU/hr	67 BTU/hr
	Sleep	1 BTU/hr	1 BTU/hr	1 BTU/hr
	Off	1 BTU/hr	1 BTU/hr	1 BTU/hr
		*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.		
	Additional Information	<ul style="list-style-type: none"> This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2002/95/EC. This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC. This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986). Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043. This product contains 42.5% post-consumer recycled plastic (by wt.) This product is 99.0% recycle-able when properly disposed of at end of life. 		
	Packaging Materials	External:	PAPER/Corrugated	1144 g
			PAPER/Paper	28 g
			PAPER/Paperboard	20 g
		Internal:	PLASTIC/Polystyrene Expanded - EPS	567 g
		COMPOSITE/paper/carton+plastic	3 g	
		PLASTIC/Other	1 g	
		PLASTIC/Polyethylene high density - HDPE	28 g	
		PLASTIC/Polyester - PET	12 g	

Technical Specifications

	RoHS Compliance	<p>HP, Inc. is committed to compliance with all applicable environmental laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) Directive. HP's goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. By July 1, 2006, RoHS substances will be virtually eliminated (virtually = to levels below legal limits) for all HP electronic products subject to the RoHS Directive, except where it is widely recognized that there is no technically feasible alternative (as indicated by an exemption under the EU RoHS Directive).</p>
	Material Usage	<p>This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/gse.pdf):</p> <ul style="list-style-type: none"> • Asbestos • Certain Azo Colorants • Certain Brominated Flame Retardants – may not be used as flame retardants in plastics • Cadmium • Chlorinated Hydrocarbons • Chlorinated Paraffins • Formaldehyde • Halogenated Diphenyl Methanes • Lead carbonates and sulfates • Lead and Lead compounds • Mercuric Oxide Batteries • Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user. • Ozone Depleting Substances • Polybrominated Biphenyls (PBBs) • Polybrominated Biphenyl Ethers (PBBEs) • Polybrominated Biphenyl Oxides (PBBOs) • Polychlorinated Biphenyl (PCB) • Polychlorinated Terphenyls (PCT) • Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications. • Radioactive Substances • Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)
	Packaging	<p>HP follows these guidelines to decrease the environmental impact of product packaging:</p> <ul style="list-style-type: none"> • Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials. • Eliminate the use of ozone-depleting substances (ODS) in packaging materials. • Design packaging materials for ease of disassembly. • Maximize the use of post-consumer recycled content materials in packaging materials. • Use readily recyclable packaging materials such as paper and corrugated materials. • Reduce size and weight of packages to improve transportation fuel efficiency. • Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

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	End-of-life Management and Recycling	<p>Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: http://www.hp.com/go/reuse-recycle or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.</p> <p>The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/recyclers. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.</p>
	HP, Inc. Corporate Environmental Information	<p>For more information about HP's commitment to the environment:</p> <p>Global Citizenship Report http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html</p> <p>Eco-label certifications http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html</p> <p>ISO 14001 certificates: http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842 and http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf</p>

Technical Specifications

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1. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
2. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit: <http://www.hp.com/go/cpc>.

Change Log

Change Log			
4/05/2018	V1 to V2	Updated	Model
7/01/2019	V2 to V3	Added	Color Support
02/15/2019	V3 to V4	Added	Certification
03/08/2019	V4 to V5	Added	Note for DP Cable
13/01/2020	V5 to V6	Added	Environmental Section