

Overview

HP V244h 23.8-inch Monitor



- 1. Enter**
- 2. Minus**
- 3. Plus**
- 4. Auto**
- 5. Power:** Turns the monitor on or off.
- 6. Power LED:** fully powered = green; sleep mode = amber; sleep timer mode = flashing amber.



Use two HP V244h 23.8-inch monitors with an HP Adjustable Dual Display Stand (AW664AA) for a small footprint, high productivity work solution.

(Multi-monitor support depends on your PC capability.
Monitors, stands, keyboard, mouse and notebook are sold separately.)

Overview

Part number

W1Y58AA

Introduction

Get plenty of room to multi-task across your documents and e-mail and leave multiple windows open side by side with the HP V244h 23.8-inch Monitor, an extra-large display that's available at unbelievably low price point.

Key Benefits

- Enjoy crisp, clear views of all of your content with 1920 x 1080 resolution, 16:9 aspect ratio, 6M:1 dynamic contrast ratio, and 7 ms response time.¹
- Attach your HP Desktop Mini, HP Chromebox, or select HP Thin Client directly behind the display for an integrated, affordable workspace that's perfect for small spaces. Or, use the integrated VESA mount to place the display on a wall or stand.²
- Get legacy compatibility with a VGA connector, or use DVI or HDMI to connect to your newer technology.
- Reduce power consumption and help lower your costs with an intelligent, energy-efficient design that is ENERGY STAR® certified and EPEAT® Silver registered.³ The display also has mercury-free display backlights and arsenic-free display glass.
- Customize your display's position with adjustable tilt settings and wide 178-degree viewing angles.
- Rest assured that your IT investment is supported by a three-year standard limited warranty. To extend your protection, select optional HP Care Packs.⁴

1. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
 2. Sold separately. See product QuickSpecs for exact compatibility. HP Quick Release required and sold separately. Mounting hardware sold separately.
 3. EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status in your country.
 4. Sold separately. 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 www.hp.com/go/cpc. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
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Technical Specifications

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Panel	Type	VA with LED backlight
	Viewable Image Area	60,45 cm (23.8 in) widescreen; diagonally measured
	Active Area (W x H)	52,7 x 29,64 cm (20.74 x 11.66 in)
	Aspect Ratio	16:9
	Viewing Angle (typical)	Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	250 cd/m ²
	Contrast Ratio (typical)*	3000:1
	Dynamic Contrast Ratio (typical)*	6,000,000:1
	Response Rate (typical)*	7 ms (gray to gray)
	Pixel Pitch	0.2745 mm
	Backlight Lamp Life * (to half brightness)	30K hours minimum
	Color Gamut *	72% (typical)
	Color Support **	Can display up to 16.7 million colors
	*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.	
	** With the use of FRC technology.	
On Screen Display (OSD)	Buttons or Switches	Enter, Minus ("-"), Plus ("+"), Exit, Auto, Power
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	User Controls	Auto Adjust, Brightness/Contrast, Image Adjust, Color, OSD setup, Language, Recall, Miscellaneous, Input select
Signal Interface/ Performance	Horizontal Frequency	24 to 80 kHz
	Vertical Frequency	50 to 76 Hz
	Native Resolution	1920 x 1080 @ 60Hz
	Preset VESA Graphic Modes (non-interlaced)	640 x 480 @ 60Hz 720 x 400 @ 70 Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 800 @ 60 Hz 1280 x 720 @ 60 Hz 1280 x 1024 @ 60 Hz 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz 1680 x 1050 @ 60 Hz 1920 x 1080 @ 60 Hz

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	Maximum Pixel Clock Speed	170 MHz	
	User Programmable Modes	Yes, 39	
	Anti-Glare	Yes	
	Default Color Temperature	6500 K	
	Plug and Play	Yes	
Video/Other Inputs	Inputs	(1) VGA, (1) DVI-D, (1) HDMI (HDCP support on DVI and HDMI inputs)	
	Video Cable	(1) VGA	
	Video Cable Lengths	1,5 m (4.9 ft)	
Power	Power Supply	Internal	
	Input Power	100 - 240 VAC (50/60 Hz)	
	Typical Power Consumption	23 W	
	Maximum	32 W	
	Power Saving	0.5 W	
	Power Cable Length	1,9 m (6.2ft)	
Mechanical	Dimensions (W x D x H)	Unpacked w/stand	55,24 x 23,19 x 40,68 cm (21.75 x 9.13 x 16.02 in)
		Unpacked w/o stand (head only)	55,24 x 5,66 x 33,42 cm (21.75 x 2.23 x 13.16 in)
		Packaged	13 x 62,5 x 44cm (5.12 x 24.61 x 17.32 in)
	Weight	Head Only	3,33 kg (7.34 lb)
		Unpacked	3,75 kg (8.27 lb)
		Packaged	4,97 kg (10.96 lb)
	Tilt Range	-4° to +22° (+/- 2°)	
	Swivel Range	N/A	
	Height Adjustable	N/A	
	Pivot Rotation	N/A	
	Base	Detachable	
Environmental	Temperature – Operating	0° to 40° C (32° to 104° F)	
	Temperature – Non-operating	-20° to 60° C (-4° to 140° F)	
	Humidity – Operating	10% to 90% non-condensing	
	Humidity – Non-operating	10% to 90%, 38.7° C max wet-bulb	
	Altitude – Operating	0 to 3,048 m (0 to 10,000 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 Halogen⁴	No	

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Mercury-Free LED Display Backlighting Yes

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 US ENERGY STAR® EPEAT® Silver registered in the United States. See http://www.epeat.net for registration status in your country. 		
	Energy Consumption (in accordance with US ENERGY STAR® test method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
	Normal Operation	16.7 W	16.7 W	16.9 W
	Sleep	0.2 W	0.3 W	0.2 W
	Off	0.1 W	0.2 W	0.1 W
	Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 60Hz
	Normal Operation	57 BTU/hr	57 BTU/hr	58 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). This product is in compliance with the IEEE 1680 (EPEAT) standard at the Silver level, see www.epeat.net Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043. This product contains 0% post-consumer recycled plastic (by wt.) This product is 98.0% recycle-able when properly disposed of at end of life. 		
	Packaging Materials	External:	PAPER/ Corrugated	760 g
		Internal:	PLASTIC/EPS (Expanded Polystyrene)	171 g
			PLASTIC/EPE-Expanded Polyethylene	27.2 g
			PLASTIC/Other plastics unknown	4.3 g
RoHS Compliance	Hewlett-Packard is committed to compliance with all applicable environmental laws and regulations, including the European Union Restriction of Hazardous			

Technical Specifications

		<p>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>
	<p>Material Usage</p>	<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)

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	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.
	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>
	Hewlett-Packard 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

Options (sold separately)	HP LCD Monitor Quick Release – Part number EM870AA¹	An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach an LCD monitor to a variety of stands, brackets, arms or wall mounts. For more information, refer to this product's QuickSpecs document.
	HP Business PC Security Lock Kit – Part number PV606AA	Attaches to the rear of the PC with a six-foot steel cable that can be used to secure a PC or peripherals such as mice, keyboards, monitors or USB security devices to protect them against unauthorized removal by physically connecting the system to an anchor point.
	HP Single Monitor Arm – Part number BT861AA	The flexible design of the HP Single Monitor Arm provides a seemingly endless range of display adjustments with an amazing 13 inches of lift, 50 degrees of tilt, and 360 degrees of pan and rotation – all at your fingertips -- helping you stay comfortable and productive throughout the day.
	HP Adjustable Dual Display Stand – Part Number AW664AA	Premium space-saving dual screen solution provides access to more monitor real estate and makes it possible to manage multiple applications simultaneously. Weight adjustable for dual monitors from 17-24". Rotate displays into portrait/landscape positions.
What's in the box?	Monitor and accessories	HP V244h 23.8-inch Monitor AC power cord 1,9 m (6.2 ft) VGA cable 1,5 m (4.9 ft)
	Documentation	Printed documentation
Other	User Guide Languages	English, French, Spanish, B. Portuguese, S. Chinese, T. Chinese, Bahasa Indonesia, Korean, Japanese.
	Warranty Languages	English, French, Spanish, B. Portuguese, S. Chinese, T. Chinese, Bahasa Indonesia, Korean, Japanese.
	Bezel Color	Black
	VESA External Mounting	Yes, one set of standard 4-hole pattern, 100 mm.
	Security Lock-Ready	Yes, one security lock slot available
	Country of Origin	China
Certifications and Compliance	EPEAT [®] Silver (select regions) ³ , ENERGY STAR [®] qualified, CE,CB,KC/KCC/ICE/TUV-S/ISO 9241-307/ CSA/PSB/CCC/CECP/SEPA/TCO/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE, China Energy Label (CEL) Grade 1, SmartWay - NA only, Microsoft WHQL Certification Vista/Win 7/Win 8/Win 8.1/Win10	
Compatibility	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.	
Service and Warranty	Protected by HP, including up to a 3 year standard limited warranty*. Optional Care Pack Services are extended service contracts which go beyond your standard warranties. ² *Warranty term may vary by region.	

1. The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) for all devices mounted. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). HP recommends that you consult with a qualified engineering, architectural or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.

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2. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See www.hp.com/go/cpc for details..
3. EPEAT® Silver where HP registers commercial display products. See www.epeat.net for registration status in your country.
4. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

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Change Log

Summary of Changes

Date of change:	Version History:		Description of change:
April 29, 2016	From v1 to v2	Launch	Uploaded QS
May 21, 2016	From v2 to v3	Update	Added Environmental Data
July 6, 2016	From v3 to v4	Update	Updated Environmental Data
July 27, 2016	From v4 to v5	Revision	Revised tilt spec