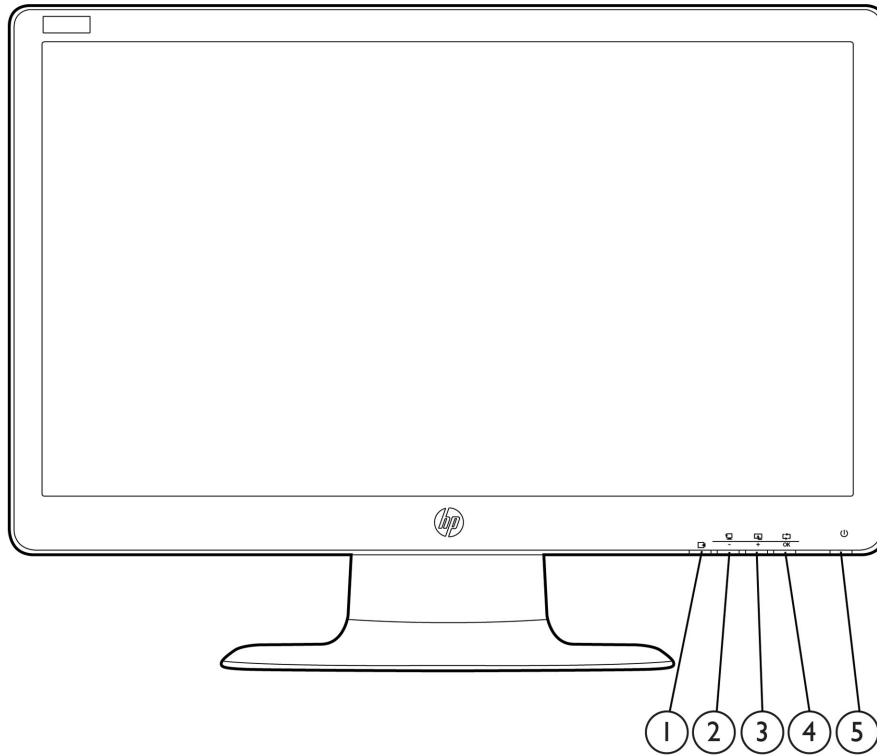


Overview



- | | | | |
|----------------------|--|---------------------------|--|
| 1. Menu | Opens, selects, or exits the OSD menu.
NOTE: Pressing the Menu button for 10 seconds will disable operation of the remaining OSD buttons. Pressing it again for 10 seconds will re-enable functionality. | 4. Auto Adjustment | Press to automatically adjust the screen image.
NOTE: This item can only be used with a VGA input signal. |
| 2. Quick View | Opens the OSD Quick View menu where you can select a viewing mode which compliments or optimizes the content you are viewing. | OK | Enters the selected option in the OSD. |
| Minus "-" | Navigates down through the OSD menu and decreases adjustment levels. | 5. Power | Turns the monitor on or puts it in standby or sleep mode. The Power button located on the bottom-right of the monitor.
NOTE: Pressing the Power button for 10 seconds will disable operation of the Power button. Pressing it again for 10 seconds will re-enable functionality. |
| 3. Source | Chooses the video input source from the computer. | | |
| Plus "+" | Navigates up through the OSD menu and increases adjustment levels. | | |

Overview

Model

XP598AA



Technical Specifications

Panel	Type	TN (Twisted Nematic) LED Backlit LCD
	Viewable Image Area (diagonal)	58,42 cm (23.0 in.) widescreen; diagonally measured
	Screen Opening (W x H)	51,17 x 28,86 cm, (20.15 x 11.36 in.)
	Aspect Ratio	16:9
	Viewing Angle (typical)	Up to 170° horizontal/160° vertical
	Brightness (typical)*	250 nits (cd/m ²)
	Contrast Ratio (typical)*	1000:1
	Dynamic Contrast Ratio (typical)*	3 Million:1
	Response Time (typical)*	5 ms (on/off)
	Pixel Pitch	0.265 mm
	Pixels Per Inch (PPI)	95.8
	Backlight Lamp Life (to half brightness)	30,000 hours
	Color Gamut (typical)	68%
	<i>*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</i>	
On Screen Display (OSD) Controls	Buttons or Switches	Menu, "-", "+", OK, Power Hot Keys for: Viewing, Source, Auto Adjustment
	Languages	Dutch, English, French, German, Italian, Japanese, Portuguese, Spanish, Simplified Chinese, Traditional Chinese
	User Controls	Brightness, contrast, color, image control, OSD control, management, language, information, factory reset, source control
Signal Interface/ Performance	Horizontal Frequency	24 to 94 kHz
	Vertical Frequency	50 to 76 Hz
	Native Resolution	1920 x 1080 @ 60 Hz
	Preset VESA Graphic Modes (non-interlaced)	1920 x 1080 @ 60 Hz
		1680 x 1050 @ 60 Hz
		1440 x 900 @ 60 Hz
		1280 x 1024 @ 60 Hz
		1280 x 720 @ 60 Hz
		1024 x 768 @ 60 Hz
		800 x 600 @ 60 Hz
		720 x 400 @ 70 Hz
		640 x 480 @ 60 Hz
	Text Mode	720 x 400 @ 70 Hz
	Maximum Pixel Clock Speed	148.5 MHz
	User Programmable Modes	Yes (10)
	Anti-Glare	Yes



Technical Specifications

	Default Color Temperature	6500 K		
Video/Other Inputs	Plug and Play	Yes		
	Input Connectors	VGA (analog), DVI-D w/HDCP, HDMI w/HDCP		
	Input Impedance	75 Ohms		
	Sync Input	TTL separate synch		
	Video Cable	One 15-pin D-sub (VGA), One DVI-D (varies by country)		
	Video Cable Lengths	1,8 m (5.9 ft.)		
Audio	Speakers	Selected SKUs/Countries will include External Speakers in monitor box. External Speakers 1watts/channel (typical)		
Power	Input Power	100-240 VAC 36-40W external power adapter; 12VDC monitor input		
	Typical Power Consumption	29 W		
	Maximum	33 W		
	Power Saving	< 0.6 W Sleep; <0.5 W Off		
	Power Cable Length	1,9 m (6.2 ft.)		
Mechanical	Dimensions (W x D x H)	Unpacked w/stand	55,795 x 15,9 x 41,65 cm. (21.97 x 6.26 x 16.40 in.)	
		Unpacked w/o stand (head only)	55,795 x 3,68 x 34,863 cm. (21.97 x 1.45 x 13.73 in.)	
		Packaged	58,5 x 12,6 x 39,7 cm. (23.03 x 4.96 x 15.63 in.)	
	Weight	Head Only	3,1 kg (5.16 lb)	
		Unpacked	3,91 kg (8.62 lb)	
		Packaged	5,91 kg (13.03 lb)	
	Tilt Range	0° to +25°		
	Swivel Range	No		
	Height Adjustable	No		
	Pivot Rotation	No		
Base	Detachable			
Environmental	Temperature - Operating	5° to 35° C (41° to 95° F)		
	Temperature - Non-operating	-20° to 60° C (-4° to 140° F)		
	Humidity - Operating	20% to 80% non-condensing		
	Humidity - Non-operating	5% to 95%, 38.7° C max wet-bulb		
	Altitude - Operating	EXAMPLE: +0 to 5,000 m (16,404 ft)		
	Altitude - Non-operating	EXAMPLE: 0 to 12,192 m (0 to 40,000 ft)		
	White LED Backlights	Yes		
	CCFL Panel	No		
	Arsenic-Free Glass (100% free)*	Yes		



Technical Specifications

* Arsenic and its compounds were not detected using US EPA Test Methods 3052 & 3052/6010b by ICP or ICP-AES.

BFR/PVC Free No

Mercury Free Yes or No

Options

HP USB Graphics Adapter-Part number NL571AA Enables connection of up to six simultaneous displays to help you boost productivity and multi-task across several open applications. Use one Adapter to bridge between a notebook or desktop PC and second monitor or use multiple Adapters to connect several displays to each other.

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.

Other

Accessories Included VGA cable, DVI-D cable (varies by country), AC Power cord, External power supply (36-40W), Cable management clip

Software CD (includes user guide, warranty, drivers)

User Guide Languages English, Dutch, Finnish, French, German, Hebrew, Italian, Norwegian, Portuguese (Euro), Spanish (international), Swedish, Czech, Greek, Hungarian, Polish, Russian, Serbian, Slovak, Turkish, Arabic, Brazilian Portuguese, Bahasa Indonesia, S. Chinese, T. Chinese, Korean, Japanese

Warranty Languages English, Brazilian Portuguese, Arabic, Japanese, T. Chinese, S. Chinese, Korean, Bahasa Indonesia, French, German, Italian, Spanish, Danish, Hungarian, Swedish, Turkish, Arabic, Dutch, Finnish, Serbian

Color Black

VESA External Mounting No

Security Lock-Ready Yes

Certification and Compliance

Monitor: FCC, CE, CSA, GOST, S mark, TuV Bauart, WEEE, ENERGY STAR® 5.0, CECP, CCC, CEL, C-tick, BSMI, KCC, E-Stand, VCCI, EPEAT® Silver*

External Power Supply: WW use: FCC, Safety mark, VCCI, GS, S mark, NOM/NYCE, PSE, cUL, CE, C-tick, CCC, GOST, BSMI, Cambodia, WEEE, KC

* EPEAT® Silver where HP registers commercial display products. See www.epeat.net for registration status in your country.

Compatibility

Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.

Service and Warranty

Protected by HP, including a 1 year parts, 1 year labor, and 1 year onsite service (1/1/1) standard limited warranty. Certain restrictions and exclusions apply.*

* HP Care Pack Services extend service contracts beyond the standard warranties. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts from date of hardware purchase. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <http://www.hp.com/go/lookuptool>. Additional HP Care Pack Services information by product is available at: <http://www.hp.com/hps/carepack>



Technical Specifications

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