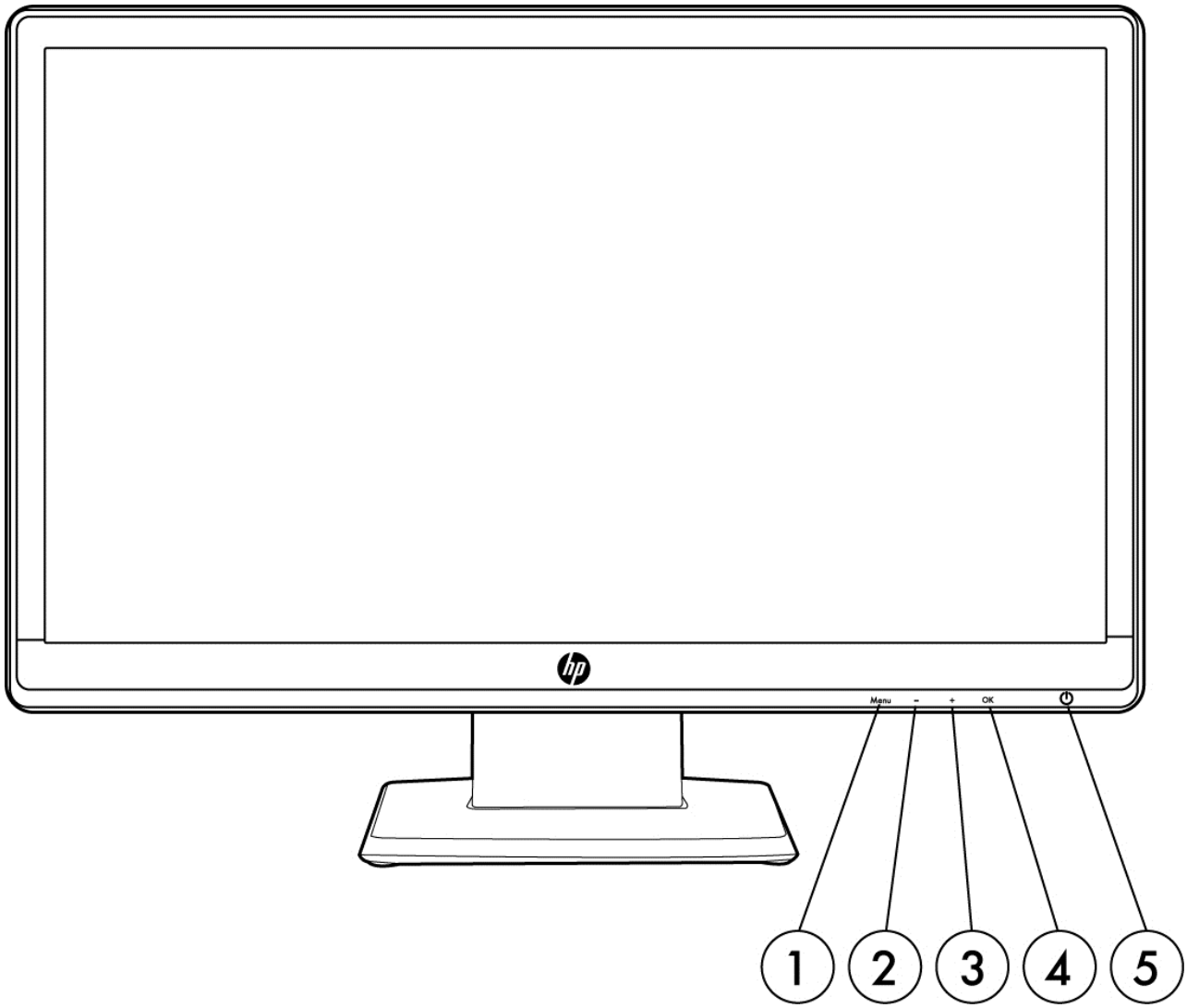
HP W2072a 20-inch LED Backlit LCD Monitor



1.	**Menu**	Opens, selects or exits the OSD menu.	**4.**	**OK/auto**	If the OSD menu is on, press to select the highlighted menu item. If the OSD menu is inactive, press to activate the auto adjustment feature to optimize the screen image.
2.	**Minus**	If the OSD menu is on, press to navigate backward through the OSD menu and decrease adjustment levels.	**5.**	**Power**	Turns the monitor on or off. Blue = Fully powered. Amber = Sleep mode. Flashing Amber = Sleep Timer mode.
3.	**Plus**	If the OSD menu is on, press to navigate forward through the OSD menu and increase adjustment levels.			

Technical Specifications

Model: B5M13AA, B5M13AS, B5M13AV

Panel	**Type**	TN (Twisted Nematic) LED Backlit LCD
	Viewable Image Area (diagonal)	**50,8 cm** (20.0 in.) widescreen; diagonally measured
	Active Area (W x H)	**442,8 mm x 249,1 mm**, (17.43 x 9.81 in.)
	Aspect Ratio	16:9
	Viewing Angle (typical)*	Up to 90° horizontal/50° vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	200 nits (cd/m^2)
	Contrast Ratio (typical)*	600:1
	Dynamic Contrast Ratio (typical)*	3,000,000:1
	Response Time (typical)*	5 ms (on/off)
	Pixel Pitch	0.2768 mm
	Backlight Lamp Life (to half brightness)*	30,000 hours
	Color Gamut (typical)*	72%
	Color Support**	Can display up to 16 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) **Controls**	**Buttons or Switches**	OSD menu select, OSD down, OSD UP, OK/Auto , Power
	Languages	German, Simplify Chinese, Traditional Chinese, Japanese, English, Spanish, French, Italian, Netherlands, and Portuguese
	User Controls	Brightness, contrast, color (6500k, 9300k, 5000k, custom), Image control, OSD control, Management, Language, Information, Factory Reset, Source Control (on select model), Exit
Signal Interface/ Performance	**Horizontal Frequency**	24 to 83 kHz
	Vertical Frequency	50 to 76 Hz
	Native Resolution	1600 x 900 @ 60 Hz
	Preset VESA Graphic Modes (non-interlaced)	1600 x 900 @ 60 Hz 1440 x 900 @ 60Hz 1280 x 1024 @ 60Hz 1280 x 720 @ 60Hz 1024 x 768 @ 60Hz 800 x 600 @ 60Hz 720 x 400 @ 70Hz 640 x 480 @ 60Hz
	Text Mode	720 x 400 @ 70 Hz
	Maximum Pixel Clock Speed	170 MHz
	User Programmable Modes	10
	Anti-Glare	Yes
	Default Color Temperature	6500 K
Video/Other Inputs	**Plug and Play**	Yes
	Input Connectors	(1) VGA (analog); (1) DVI-D w/HDCP
	Input Impedance	75 Ohms
	Sync Input	TTL separate synch
	Video Cable	(1) VGA

Technical Specifications

	Video Cable Length	**1,8 m** (5.9 ft.)	
	Audio	Yes; Built-in rear firing speakers; Audio input jack	
	Audio Cable Length	**1,8 m** (5.9 ft.)	
Power	**Input Power**	90 – 265 VAC, 45 or 63 Hz	
	Typical Power Consumption	20 W	
	Maximum	26 W	
	Power Saving	< 0.5 W	
	Power Cable Length	**1,9 m** (6.2 ft.)	
Mechanical	**Dimensions** (W x D x H)	**Unpacked w/stand**	**47,73 x 17 x 35,66 cm**, (18.79 x 6.69 x 14.04 in.)
		Unpacked w/o stand (head only)	**47,73 x 4,78 x 29,9 cm**, (18.79 x 1.88 x 11.77 in.)
		Packaged	**52,9 x 37,3 x 10,8 cm,** (20.82 x 14.68 x 4.25 in.)
		Base area (footprint)	**18,01 x 17,02 cm,** (7.09 x 6.70 in.)
	Weight	**Head Only**	**2,8 kg** (6.17lb.)
		Unpacked	**3,5 kg** (7.72 lb.)
		Packaged	**4,7 kg** (10.36 lb.)
	Tilt Range	-5˚ to +19˚	
	Swivel Range	No	
	Height Adjustable	No	
	Pivot Rotation	No	
	Base	Detachable, ships attached	
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	**0 to 3,658 m** (12000 ft)	
	Altitude – Non-operating	**0 to 12,192 m** (0 to 40,000 ft)	
	White LED Backlights	Yes	
	CCFL Panel	No	
	Arsenic-Free Glass[3]	Yes	
	BFR/PVC Free[4]	No	
	Mercury Free	Yes	
Options (sold separately)	**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; Audio cable; AC Power cable	
	User Guide Languages	English, Arabic, Czech, Danish, Finnish, French, Russian,	

Technical Specifications

	Warranty Languages	German, Italian, Serbian, Hungarian, Spanish, Dutch, Norwegian, Portuguese, Polish, Greek, Swedish, Slovak, Slovenian, Turkish English, Arabic, Czech, Danish, Finnish, French, Russian, German, Italian, Serbian, Hungarian, Spanish, Dutch, Norwegian, Portuguese, Polish, Greek, Swedish, Slovak, Slovenian, Turkish
	Color	Black
	VESA External Mounting	Yes (one set of standard 4-hole pattern, 75 mm).
	Security Lock-Ready	Yes
Certification and Compliance		CB, CE, TUV-GS, ISO9241-307, UL/CAS, FCC, EPA, GOST, NOM, TUV-S, VCCI, KC/KCC, PSB, ISC, CCC, BSMI, C-TICK, CCC, CECP,S EPA, CEL Grade 1, E-standy ENERGY STAR®, EPEAT® Silver[2]
Compatibility		Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.
Service and Warranty		Protected by HP, including a1 year parts, 1 year labor (1/1/0) standard limited warranty. Certain restrictions and exclusions apply.[1]

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[1]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.
[2] EPEAT® Silver where HP registers commercial display products. See www.epeat.net for registration status in your country.
[3] Arsenic and its compounds were not detected using US EPA Test Methods 3052 & 3052/6010b by ICP or ICP-AES.
[4]Meets the evolving definition of 'BFR/PVC-free' as set forth in the "iNEMI Position Statement on the 'Definition of Low-Halogen' Electronics (BFR/CFR/PVC-Free)'". Plastic parts contain < 1000 ppm (0.1%) of bromine [if the Br source is from BFRs] and < 1000 ppm (0.1%) of chlorine [if the Cl source is from CFRs or PVC or PVC copolymers]. All printed circuit board (PCB) and substrate laminates contain bromine/chlorine total < 1500 ppm (.15%) with a maximum chlorine of 900 ppm (.09%) and maximum bromine being 900 ppm (.09%). External cables (power, video and USB) are not BFR/PVC-free. Service parts after purchase may not be BFR/PVC-free.

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