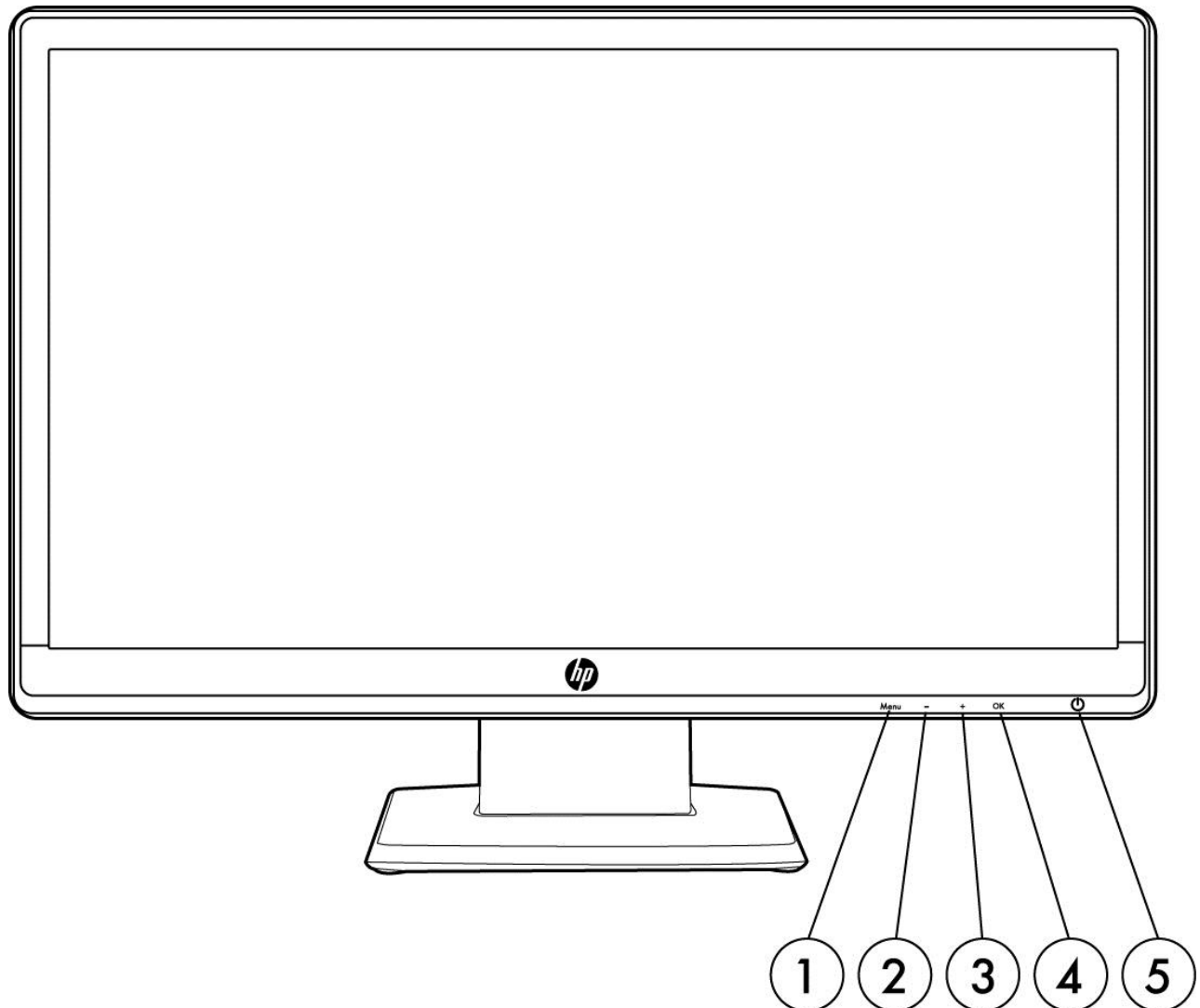


Technical Specifications

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 optimise 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
	Colour Gamut (typical)*	72%
	Colour Support**	Can display up to 16 million colours
	*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
Signal Interface/ Performance	User Controls	Brightness, contrast, colour (6500k, 9300k, 5000k, custom), Image control, OSD control, Management, Language, Information, Factory Reset, Source Control (on select model), Exit
	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
		720 x 400 @ 70 Hz
		170 MHz
	Text Mode	10
	Maximum Pixel Clock Speed	Yes
	User Programmable Modes	6500 K
Video/Other Inputs	Anti-Glare	Yes
	Default Colour Temperature	Yes
	Plug and Play	(1) VGA (analogue); (1) DVI-D w/HDCP
	Input Connectors	75 Ohms
	Input Impedance	TTL separate synch
	Sync Input	(1) VGA
	Video Cable	1,8 m (5.9 ft.)
	Video Cable Length	Yes; Built-in rear firing speakers; Audio input jack
	Audio	1,8 m (5.9 ft.)
	Audio Cable Length	90 – 265 VAC, 45 or 63 Hz
Power	Input Power	20 W
	Typical Power Consumption	



Technical Specifications

	Maximum Power Saving	26 W	
	Power Cable Length	< 0.5 W	
		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 Glass³	Yes	
	BFR/PVC Free⁴	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 unauthorised 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, German, Italian, Serbian, Hungarian, Spanish, Dutch, Norwegian, Portuguese, Polish, Greek, Swedish, Slovak, Slovenian, Turkish	
	Warranty Languages	English, Arabic, Czech, Danish, Finnish, French, Russian, German, Italian, Serbian, Hungarian, Spanish, Dutch, Norwegian, Portuguese, Polish, Greek, Swedish, Slovak, Slovenian, Turkish	
	Colour	Black	
	VESA External Mounting	Yes (one set of standard 4-hole pattern, 75 mm).	
	Security Lock-Ready	Yes	



Technical Specifications

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-standby ENERGY STAR®, EPEAT® Silver²

Compatibility Service and Warranty

Compatible with platforms using the VESA standard video modes. Recommended for use with HP products. Protected by HP, including a 1 year parts, 1 year labor (1/1/0) standard limited warranty. Certain restrictions and exclusions apply.¹

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¹HP 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>.

²EPEAT® Silver where HP registers commercial display products. See www.epeat.net for registration status in your country.

³Arsenic and its compounds were not detected using US EPA Test Methods 3052 & 3052/6010b by ICP or ICP-AES.

⁴Meets 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.

All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

