QuickSpecs

Overview

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HP Z24nf 23.8-inch Narrow Bezel IPS Display
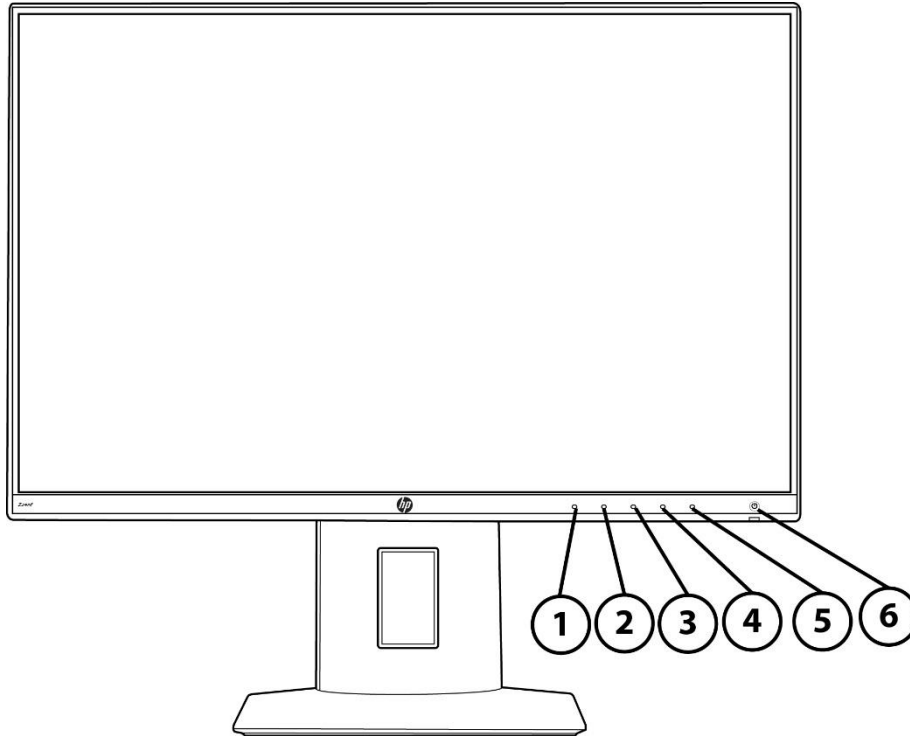
1.	Menu button	**4.**	Color control
2.	Information	**5.**	Luminance
3.	Input control	**6.**	Power button/LED
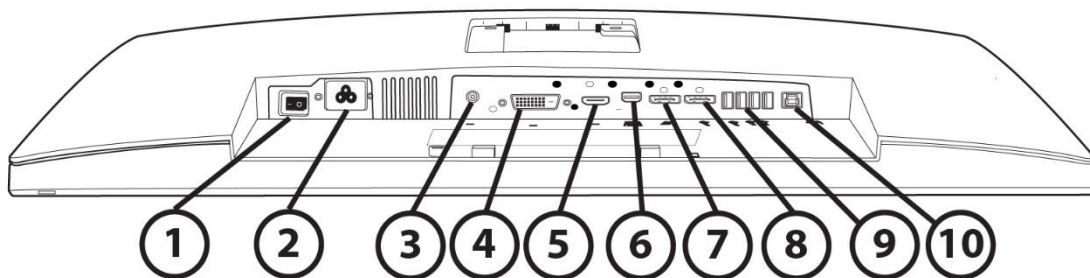
1.	Master power switch	**6.**	Mini-DisplayPort
2.	Power connector	**7.**	DisplayPort v 1.2 in
3.	Audio output 3.5 mm	**8.**	DisplayPort v 1.2 out
4.	DVI-Dual Link	**9.**	(4) USB 3.0 downstream ports (one fast charging)
5.	HDMI v 1.4 input (MHL 2.0)	**10.**	(1) USB 3.0 upstream port

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Deploy a seamless multi-display1 setup with the HP Z24nf Narrow Bezel IPS Display, which delivers Full HD, factory color calibration, and flexible connectivity.

Key features:

- Experience edge-to-edge 1920 x 1080 resolution[2] on a three-sided borderless 23.8-inch diagonal screen.
- Get reliable color accuracy across all of your projects with out-of-the-box 95% sRGB color calibration.
- Connect to multiple displays[1] and devices with a range of integrated ports.
- Use picture-in-picture or picture-by-picture to boost your multi-tasking productivity.
- Work comfortably with customizable tilt, height adjustment, swivel, and pivot settings.
- Design the screen for how you work with HP Display Assistant software.
- Get world-class service and support, and extend your protection with optional HP Care Packs.[5]
- Reduce power consumption and help lower your costs with an energy-efficient design.

1 Each display sold separately.
2 All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
5 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.

Technical Specifications

Models: K7C00A4

Panel		
	Type	23.8 in IPS w/LED backlight
	Viewable Image Area (diagonal)	**60,47cm** (23.8 in) widescreen; diagonally measured
	Panel Active Area (W × H)	**527.04 x 296.46 mm**
	Resolution	1920x1080 @ 60 Hz
	Aspect Ratio	16:9
	Viewing Angle	Up to 178° horizontal/178° vertical typical
	Brightness	250 cd/m²
	Contrast Ratio (Typical)	1000:1 Static; 5,000,000:1 Dynamic (DCR)
	Response Times*	8 ms - gray to gray
	Pixel Pitch	0.2745 x 0.2745 mm
	Pixels Per Inch (PPI)	92.6 DPI
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Color Support	Up to 16.7 million colors with the use of FRC technology
	Color Gamut (Typical)	95% of sRGB

* Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

User Controls		
	Buttons or Switches	Press the key, the monitor will indicate the function.
	User Programmable Modes	Yes, 10
	Languages	10 (German, S-Chinese, T-Chinese, Japanese, English, Spanish, French, Italian, Netherlands and Portuguese)
	On Screen Display (OSD) User Controls	Luminance , Color control, Input control, Image Control, PIP control, Power control, OSD Control, Management, Language, Information
	Audio Controls	N/A
	Picture-in-Picture / Picture-by-Picture	Yes
Signal Interface/ Performance	**Horizontal Frequency**	30 – 75 kHz
	Vertical Frequency	50 - 60 Hz
	Native Resolution	1920 x 1080 @ 60 Hz
	Preset Graphic Modes (non-interlaced)	640 x 480 @ 60Hz 720 x 400 @70Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 720 @ 60 Hz 1280 x 800 @ 60 Hz

Technical Specifications

		1280 x 1024 @ 60 Hz	
		1366 x 768 @60Hz	
		1440 x 900 @ 60 Hz	
		1600 x 900 @ 60 Hz	
		1680 x 1050 @ 60 Hz	
		1920 x 1080 @ 60 Hz	
	Maximum Pixel Clock Speed	170 MHz	
	Anti-Glare	Yes	
Video/Other Inputs	**Plug and Play**	Yes	
	Input/Output Connectors	(1) DVI-D	
		(1) MHL/HDMI[1]	
		(2) DisplayPort 1.2 (one in and one out	
	USB	Yes; 4 USB 3.0	
		(Four downstream and one upstream)	
	Video Cables Included	DisplayPort **1,8 m** (5.9 ft) ; USB **1,8 m** (5.9 ft)	
	Audio	(1) Audio output	
Multimedia	**Speakers**	N/A	
Power	**Power Supply**	Internal	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	68 W	
	Typical Power	45 W	
	Sleep Power	0.5W (standby)	
	Power Cable Length	**1,8 m** (5.9 ft)	
Mechanical	**Dimensions** (W × D × H)	**Unpacked w/stand**	**54,06 x 21.01 x 50,55 cm** 21.28 x 8.27 x 19.90 in
		Unpacked w/o stand (head only)	**54,06 x 5,04 x 32,34 cm** 21.28 x 1.99 x 12.74 in
		Packaged	**63,2 x 25 x 41 cm** 24.88 x 9.84 x 16.14 in
	Weight	**Head Only**	**3,3 kg** (7.26 lb)
		Unpacked	**5,2 kg** (11.46 lb)
		Packaged	**6,9 kg** (15.20 lb)
Ergonomic Features	**Detachable Stand**	Yes	
	Height Adjustment	Yes, 130 mm	
	Tilt Range	-2 to +22 degrees	
	Swivel	Yes, 45 +/-2 degrees (Clockwise/Counterclockwise)	
	Pivot	Yes	
	Quick Release[5]	HP QR2 quick release included	
Environmental	**Temperature - Operating**	**5° to 35° C** (41° to 95° F)	

Technical Specifications

	Temperature - Non-operating	**–20° to 60° C** (-4° to 140° F)
	Humidity - Operating	20% to 80% non-condensing
	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 Halogen	Yes
	Mercury-Free Display Backlighting	Yes, Mercury-free LED backlighting
Options	**HP LCD Speaker Bar**—Part number NQ576AA	Powered directly by the connected PC, the Speaker Bar seamlessly attaches to the monitor's lower bezel to bring full audio support to select HP flat panel monitors. Features include dual speakers with full sound range and dual external headphone jacks. Sold separately. For more information, refer to the product's QuickSpecs.
	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, 75 degrees of tilt, and 360 degrees of pan and rotation – all at your fingertips -- helping you stay comfortable and productive throughout the day.
	HP DisplayPort Cable Kit —Part number VN567AA	Connects a DisplayPort connector on an HP Business Desktop computer to a DisplayPort connector on a monitor
	HP Quick Release Bracket— Part number EM870AA[5]	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.
What's in the box?	**Monitor and Accessories**	HP Z24nf 23.8-inch Narrow Bezel IPS Display AC power cord (1.8m) 6.2 ft USB cable (1.8m) 6.2 ft DisplayPort Cable (1.8m) 6.2 ft
	Documentation	CD (includes user guide, warranty, drivers)
	Software	HP Display Assistant
Other	**User Guide Languages**	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.

Technical Specifications

	Warranty Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
	Color	Black
	VESA Mounting	100 mm
	Security Lock-Ready	Yes
	Country of Origin	China
Certification and Compliance		ENERGY STAR®, EPEAT® Gold[3], TCO Edge, TCO, China Energy Label Grade 1, CB, TUV/GS, TUV/Ergo, TUV-S, UL, CCC, CECP, SEPA, BSMI, For EMI, CE, FCC(Canada), BSMI ,KC ,VCCI ,C-Tick, SmartWay Transport Partnership - NA only, Microsoft WHQL Certification (Windows 8.1, Windows 8, Windows 7)
Compatibility		Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.
Service and Warranty		Protected by HP, including a 3 year standard limited warranty. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties.[4]

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1. MHL 2.0 port will charge a MHL compatible smart phone and tablet battery. Requires the smart phone or tablet to be enabled for MHL or have an HDMI dongle to connect to the monitor. See your mobile device specifications.
2. Power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
3. EPEAT® registered where applicable. EPEAT® registration varies by country. See www.epeat.net for registration status in your country.
4. 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.
5. 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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Change Log

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