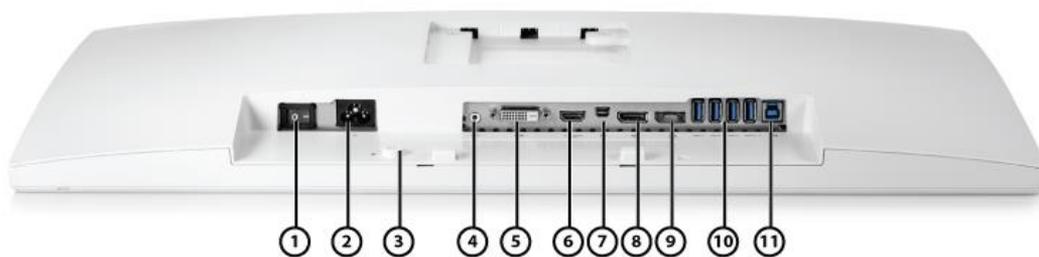


Overview

HP HC270 Healthcare Edition Display



- | | |
|------------------|---------------------|
| 1. Menu button | 4. Input control |
| 2. Luminance | 5. Information |
| 3. Color control | 6. Power button/LED |



- | | |
|-------------------------------|---|
| 1. Master power switch | 6. Mini-DisplayPort |
| 2. Power connector | 7. DisplayPort v 1.2 in |
| 3. Security lock slot | 8. DisplayPort v 1.2 out |
| 4. Audio output 3.5 mm | 9. (4) USB 3.0 downstream ports (one fast charging) |
| 5. DVI-D | 10. (1) USB 3.0 upstream port |
| 6. HDMI v 1.4 input (MHL 2.0) | |

Overview

Overview

Work efficiently and accurately with the HP HC270 Healthcare Edition Display, a DICOM Part 14-calibrated QHD display that delivers consistent views of clinical data and non-diagnostic images¹.

Key features:

- Be assured that grayscale and color medical images and patient information are consistent and accurate on every display, plus the HP Pixel Policy² guarantees zero bright dots.
- View up to 60% more³ of your images and records onscreen with a 2560 x 1440, 27" diagonal display⁴; work across multiple displays⁵ with micro-edge bezels and DisplayPort™ multi-stream support.
- Attach your HP Desktop Mini or select HP Thin Client behind the display⁶ for an integrated, small footprint solution that's perfect for busy and shared spaces like nurse's or charting stations.
- Connect to multiple display and devices with a range of integrated ports right at the display.
- Use Picture-in-Picture or Picture-by-Picture to boost your multi-tasking productivity with simultaneous views from two connected devices.
- Work comfortably with customizable tilt, height adjustment, swivel, and pivot settings.
- Design the screen for how you work with HP Display Assistant software, which enables screen partitioning and helps deter theft by deactivating a display that's disconnected without approval.
- Reduce power consumption and help lower your costs with an energy-efficient design.
- Rest assured that your IT investment is supported by a three-year standard limited warranty, and optional HP Care service.⁷

1 The display is not intended for primary image interpretation or diagnostic use.

2 The HP Pixel Policy allows no bright sub-pixel defects for this display. For complete details, see <http://support.hp.com/us-en/document/c00288895>.

3 Compared to a WUXGA display.

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

5 Each sold separately.

6 Sold separately. HP PC Mounting Bracket for Monitors required and sold separately; see Bracket QuickSpecs for exact compatibility.

7 HP Care Packs are 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.

Change Log

Models: Z0A73A4

Panel	Type	27-inch IPS w/LED backlight
	Viewable Image Area (diagonal)	68,47 cm (27-inch) widescreen; diagonally measured
	Panel Active Area (W × H)	59,67 x 33,56 cm (23.49 × 13.21 in)
	Resolution	2560 x 1440 @ 60 Hz (QHD)
	Aspect Ratio	16:9
	Viewing Angle	Up to 178° horizontal/178° vertical typical
	Brightness	350 cd/m ²
	Contrast Ratio (Typical)	1000:1 Static; 5,000,000:1 Dynamic (DCR)
	Response Times*	14 ms typical (G-to-G)
	Pixel Pitch	0.2331 mm
	Pixels Per Inch (PPI)	108.8 DPI
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Color Gamut	Up to 16.7 million colors with the use of FRC technology
	Color Gamut (Typical)	99% sRGB
	Default Color Setting	DICOM

* 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	Menu, Information, Input Control, Color Control, Luminance
	User Programmable Modes	20
	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
Signal Interface/ Performance	Horizontal Frequency	30 - 90 kHz (DVI, DP, HDMI); 27 - 75 (MHL)
	Vertical Frequency	50 - 60 Hz (DVI, DP, HDMI); 24 - 60 (MHL)
	Native Resolution	2560 x 1440 @60Hz
	Preset 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 720 @ 60 Hz 1280 x 800 @ 60 Hz 1280 x 1024 @ 60 Hz 1366 x 768 @60Hz

Change Log

		1440 x 900 @ 60 Hz		
		1600 x 900 @ 60 Hz		
		1600 x 1200 @ 60 Hz		
		1680 x 1050 @ 60 Hz		
		1920 x 1080 @ 60 Hz		
		1920 x 1200 @ 60 Hz		
		2560 x 1440 @ 60 Hz		
	Maximum Pixel Clock Speed	250 MHz(DVI, DP, HDMI); 150 MHz (MHL)		
	Anti-Glare	Yes		
Video/Other Inputs	Plug and Play	Yes		
	Input/Output Connectors	(1) DVI-D Dual Link		
		(1) MHL 2.0 ¹ /HDMI 1.4		
		(1) DisplayPort 1.2, (1) Mini-DisplayPort, (1) DisplayPort 1.2 out HDCP support on all inputs		
	USB	4 USB 3.0 [4 downstream (one fast charging), 1 upstream]		
	Video Cables Included	(1) DisplayPort 1,8 m (5.9 ft) (1) HDMI 1,8 m (5.9 ft) (1) USB 3.0 1,8 m (5.9 ft)		
	Audio	(1) Audio output 3.5mm		
Multimedia	Speakers	N/A		
Power	Power Supply	Internal		
	Input Power	100 - 240 VAC 50/60 Hz		
	Maximum Power	85 W		
	Typical Power	50 W		
	Sleep Power	0.5 W (standby)		
	Power Cable Length	1,8 m (5.9 ft)		
	Mechanical	Dimensions (W × D × H)	Unpacked w/stand	61,43 x 21,82 x 53,37 cm 24.2 x 8.6 x 21 in (max height)
				61,43 x 21,82 x 40,37 cm 24.2 x 8.6 x 15.9 in (min height)
Unpacked w/o stand (head only)			61,43 x 5,39 x 36,41 cm (24.2 x 2.1 x 14.3 in)	
		Packaged	73,1 x 28,5 x 47,9 cm (28.8 x 11.2 x 18.9 in)	
Weight		Head Only	5,1 kg (11.16 lb)	
		Unpacked	7,7 kg (16.9 lb)	
		Packaged	10 kg (22.1 lb)	
Ergonomic Features		Detachable Stand	Yes, ships detached	
		Height Adjustment	Yes, 130 +/-3 mm	
		Tilt Range	-2° to + 20° vertical	
	Swivel	Yes, 45° +/-2° (Clockwise/Counterclockwise)		

Change Log

Environmental	Pivot	Yes, 90°
	Quick Release⁵	HP QR2 quick release included
	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 5,000 m (0 to 16,404 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 Halogen²	Yes (except cables)	
Mercury-Free Display Backlighting	Yes	
Options (each sold separately)	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 PC Mounting Bracket for Monitors — Part number N6N00AA	Customize an altogether better solution with the HP PC Mounting Bracket for Monitors, which lets you attach your HP Desktop Mini, HP Chromebox, or select HP Thin Client directly behind the monitor.
	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

Change Log

	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.
	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	White
	VESA Mounting	100 mm VESA mount
	Security Lock-Ready	Yes
	Country of Origin	China
Certification and Compliance	ENERGY STAR® Qualified, EPEAT® Gold ³ , CE, CB ,KC, KCC, NOM, PSB, ICE, TUV-S, ISO 9241-307, EAC, UL, CSA, PSB, ISC, CCC, CEL, CECP, TCO Certified Edge, ISC, VCCI, FCC, BSMI, Vietnam MEPS, Australian-New Zealand MEPS, WEEE, DICOM Part 14, CE, FCC(Canada), BSMI ,KC ,VCCI ,C-Tick, NFPA 99 certification for EMI Microsoft WHQL Certification (Windows 10, Windows 8, and Windows 7); SmartWay Transport Partnership (NA)	
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	

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 by country. See HP's 3rd party option store for solar energy accessory <http://www.hp.com/go/options>.
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

Change Log		
Date	Version	Description
	Version 1 to 2	