HP Healthcare Edition HC270cr Clinical Review Monitor

Deploy a display designed specifically for clinicians with the HP Healthcare Edition HC270cr. It's built for easy, repeatable sanitization[1], DICOM Part 14 compliant for viewing medical images, and enhanced with single sign-on authentication support and collaboration tools for telemedicine.

Promote patient safety

- Be ready for the next patient or user with HP's first clinical review display that is sanitizable with germicidal wipes every shift, every day[2]. IEC 60601-1-2: 2015 certification[3] means you can use it in patient rooms and nurse's stations.

Simplify daily security with a smart design

- Login fast with a simple badge tap and spend more time on patient care with HP's first clinical review display to integrate an RFID card reader that supports single-sign-on authentication with Imprivata, Caradigm, and Healthcast.[4]

Hear every voice, read every facial expression

- Create an optimal, collaborative telemedicine experience with a clinical review display that is certified for Skype for Business®, and has an integrated RGB webcam, speakers and quick-start capacitive UCC buttons.

Superb viewing for clinical images

- View accurate, consistent medical images on a DICOM Part 14-compliant screen that is HP's first 27" diagonal 3.7 MP clinical review display with luminance uniformity, automatic backlight monitoring, auto image rotation, and user calibration.[5]

Featuring

- Save time logging in with HP's first clinical review display with integrated RGB webcam and IR sensor that is Microsoft Hello certified so you can use your face as your password.

- Eliminate cable clutter with HP's first clinical review display with USB-C™ that supplies up to 65W power delivery for connected devices and transfers audio, video, and USB data.

- Connect PCs and specialty devices with HDMI, DisplayPort™, VGA, and USB. Easily set up dual display configurations with DisplayPort™ multi-stream support.

- Get the reassurance of a display that's built for a long life, rigorously tested, and backed by the stringent HP Zero Bright Dot Guarantee.

- Attach an HP Desktop Mini or select HP Thin Client behind the display for a compact, integrated solution that's perfect for medical carts and nurses or charting stations.

HP Healthcare Edition HC270cr Clinical Review Monitor Specifications Table

Display Type	AHVA with LED backlight
Panel Active Area	23.49 x 13.21 in 59.67 x 33.56 cm
Display Size (diagonal)	68.58 cm (27")
Viewing Angle	178° horizontal; 178° vertical
Brightness	350 cd/m² [1,4]
Contrast Ratio	1000:1 static; 3000000:1 dynamic [1]
Response Ratio	12 ms gray to gray [1]
Product colour	Ceramic white
Aspect Ratio	16:9
Native Resolution	QHD (2560 x 1440 @ 60 Hz)
Resolutions Supported	1024 x 768; 1280 x 1024; 1280 x 720; 1366 x 768; 1440 x 900; 1600 x 1200; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440; 640 x 480; 720 x 400; 800 x 600
Display Features	Anti-glare; Language selection; LED backlights; On-screen controls; Pivot rotation; Plug and Play; User controls
User Controls	Color control; Menu; Next input
Input Signal	1 HDMI; 1 VGA; 2 DisplayPort™ 1.2 (with HDCP support)
Ports and Connectors	1 audio-in; 1 headphone-out; 3 USB 3.0 (1 upstream, 2 downstream); 1 USB Type-C™ (DisplayPort™ 1.2, power delivery up to 65 W)
Input Power	Input voltage 100 to 240 VAC
Power Consumption	180 W (maximum), 65 W (typical), 0.5 W (standby)
Dimensions with Stand (W x D x H)	65.06 x 24.69 x 55.49 cm
Dimensions without Stand (W x D x H)	65.06 x 4.37 x 41.68 cm
Weight	8.81 kg With stand.
Ergonomic Features	Swivel: ± 45° ; Tilt: -5 to +25° ; Pivot rotation: 90°
Physical security features	Security lock-ready [3]
Camera	720p integrated HD with dual array microphone and LED
Multimedia	Dual 2 W speakers
Environmental	Operating temperature: 5 to 35° C Operating humidity: 20 to 80% non-condensing
Certification and compliance	BSMI; CB; CCC; CE; CECP; CEL; CEL Grade 2; EAC; FCC; IEC 60950-1; ISO 9241-307; KCC; Microsoft WHQL Certification (Windows 10); NOM; PSB; SEPA; SmartWay Transport Partnership (NA); UL; VCCI; WEEE; ISC; Low blue light; IEC 62368; Skype for Business Certified; CE : EN 300 330 V2.1.1 (2017-02); CE EMF - EN62311:2008; ACMA - AS/NZS : 4268:2017; ACMA EMF Radiocommunications(Electromagnetic Radiation-Human Exposure) Standard 2014 (AS/NZS 2772.2 : 2011); FCC - Part15.225 part 15C / 6.NCC-- LP0002; Japan-- JRF ARIB-T66 / 8.Korea-- MIC; China-SRRC
Environmental Specifications	Low halogen [2]
What's in the box	AC power cord; DisplayPort™ 1.2 cable; Documentation; HDMI cable; USB Type-C™ cable; VGA cable; USB Type-B to A cable

See important legal disclaimers on the last page

Recommended Accessories and Services

HP B300 PC Mounting Bracket		Customize an altogether better solution with the HP B300 PC Mounting Bracket, which lets you attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select 2017 and 2018 HP EliteDisplays and HP Z Displays.[1] **Product number: 2DW53AA**
HP Single Monitor Arm		The HP Single Monitor Arm is the perfect desk accessory for your work life. Sleek and streamlined, the HP Single Monitor Arm is designed to complement the way you work. **Product number: BT861AA**
HP Business PC Security Lock v2 Kit		Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the HP Business PC Security Lock v2 Kit. **Product number: N3R93AA**
HP Hot Desk Stand		Redefine workspace design with the HP Hot Desk Stand, a ready-to-go touchdown station that supports a monitor and plug-and-play dock, enhances productivity, and provides a clean and comfortable workspace for your mobile and flexible workforce at an affordable price. **Product number: W3Z73AA**
HP 5-year Next Business Day Onsite Large Monitor Hardware Support	Care Pack	Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit www.hp.com/go/cpc. **Product number: U7937E**

Messaging Footnotes

[1] See user guide for cleaning instructions.
[2] Based upon HP's internal analysis as of Nov, 1, 2017 of displays tested to simulate up to 10,000 wipes with germicidal towelettes over a 3-year period. See user guide for cleaning instructions. The HP Healthcare Edition HC270cr is not intended for use in diagnosis, cure, treatment, or prevention of disease or other medical conditions.
[3] The HP Healthcare Edition HC270cr is not intended for use in diagnosis, cure, treatment, or prevention of disease or other medical conditions.
[4] Imprivata, Caradigm, and Healthcast software sold separately.
[5] Auto image rotation is only enabled if the user has installed the HP Auto Rotation Driver. User Calibration can only be done with the use of an external colorimeter and having the HP Healthcare Edition Calibration Tool software running on a USB connected PC. The HP Healthcare Edition HC270cr is not intended for use in diagnosis, cure, treatment, or prevention of disease or other medical conditions.
[7] Windows Hello requires Windows 10.
[8] 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.
[9] HP B500 PC Mounting Bracket required to attach HP Desktop Mini or HP Thin Client and sold separately; see Bracket QuickSpecs for exact compatibility. VESA mounting hardware sold separately.

Technical Specifications Footnotes

[1] All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.
[2] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[3] Lock is sold separately.
[4] 310 cd/m² with cover glass

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