

# HP EliteDisplay E221c 21.5-inch Webcam LED Backlit Monitor

Connect and collaborate. Locally and globally.



Bring the meeting to you. The HP EliteDisplay E221c 21.5-inch Webcam LED Backlit Monitor combines the wide viewing angles of IPS technology with integrated communications technology so it's easy, affordable, and comfortable to guickly connect and collaborate.

## Be meeting-ready on a moment's notice

Quickly connect and collaborate, and optimize your virtual communication technologies like Microsoft Lync. The professional-class display plus integrated webcam, speakers, and microphone are ready when you are.

#### Power through your day in comfort

Customizable tilt, height adjustment, swivel, and pivot settings—the most adjustability available on an HP business display—help you find your sweet spot.

HP EliteDisplays also meet TCO Certified Edge requirements for innovative products at the forefront of environmental and ergonomic stand design.

#### Now see everything

Get great 178-degree viewing angles views and stunning color integrity from In-Plane Switching (IPS) technology. Share content, media, and videoconferences<sup>1</sup> with everyone in the room.

#### **Enhance your view**

Enjoy crisp, clear content and video from the high contrast ratio and fast response time. Easily connect devices with convenient VGA, DVI, and DisplayPort inputs and the integrated USB hub.

### **Control your environmental impact**

Reduce power consumption and help lower your costs with an intelligent, energy-efficient design that is ENERGY STAR® qualified and EPEAT® Gold registered.<sup>2</sup>

The displays also include mercury-free display backlights, a low halogen design,<sup>3</sup> and arsenic-free display glass.

## Meet your monitor's new best friend

Personalize your workspace with resizable screen partitions and work in documents, spreadsheets, and e-mail in separate regions of the screen—at the same time—with HP Display Assistant software.

View open applications on all of your connected displays with the expanded toolbar. Help deter theft with a user-designated PIN that deactivates the monitor if it's disconnected from a PC without approval.

### **Breathe easy**

Rest assured that your IT investment is supported by a three-year standard limited warranty. Select optional HP Care Pack Services<sup>4</sup> to extend your protection beyond the standard warranty.







# **HP EliteDisplay E221c 21.5-inch Webcam LED Backlit Monitor**

Part number	D9E49AA
Panel type	IPS with LED backlight
Viewable image area	54,6 cm (21.5 in) diagonally measured
Viewing angle	Horizontal: 178 degrees; Vertical: 178 degrees
Brightness <sup>5</sup>	250 cd/m²
Contrast ratio <sup>5</sup>	Static: 1000:1; Dynamic: 5,000,000:1
Response rate⁵	7 ms w/overdrive (gray-to-gray)
Frequency	Horizontal: 24 KHz-94 KHz; Vertical: 50 Hz-76 Hz
Aspect ratio	16:9
Native resolution	1920 x 1080 @ 60 Hz
Resolutions supported	640 x 480 @ 60 Hz, 720 x 400 @ 60 Hz , 800 x 600 @ 60 Hz, 1024 x 768 @ 60 Hz, 1280 x 1024 @ 60 Hz, 1440 x 900 @ 60 Hz, 1600 x 900 @ 60 Hz, 1920 x 1080 @ 60 Hz
Input signal	VGA (analog), DVI-D, DisplayPort (HDCP support on DVI-D and DisplayPort)
USB	Integrated USB 2.0 hub with (2) Downstream and (1) Upstream ports
Audio	1W/channel built-in speakers (rear firing); PC audio in, headphone/speaker audio out
Webcam	Integrated 720p webcam with dual microphones
User controls	Menu, Minus ("-"), Plus ("+") /Input Control, OK/Auto, Power
Power consumption	Maximum: 42 W; Typical: 27 W; Power saving: 0.4 W
Dimensions	<b>Unpacked</b> : 50,09 x 23,7 x 46 cm (20.05 x 9.34 x 18.12 in)
(w x d x h)	<b>Head only</b> : 50,09 x 5,1 x 30,9 cm (20.05 x 2.01 x 12.17 in)
Weight	<b>Unpacked</b> : 5,4 kg (11.9 lb); <b>Head only</b> : 3,3 kg (7.27 lb); <b>Packaged:</b> 7,1 kg (15.65 lb)
Base features	Tilt: -5 degrees to +30 degrees; Swivel: 360°; Height Adjustable: 150 mm; Pivot Rotation: 90°
Environmental	Operating: 5° to 35° C (41° to 95° F); Non-operating: -20° to 60° C (-34° to 140° F)
Accessories <sup>6</sup> (sold separately)	HP Adjustable Dual Display Stand- Premium space-saving dual screen solution provides access to more monitor real estate and makes it possible to manage multiple applications simultaneously. Weight adjustable for dual monitors from 17-24". Rotate displays into portrait/landscape positions. Pa Number AW664AA.
	<b>HP USB Graphics Adapter</b> - Enables connection of up to six simultaneous displays. 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. Part number NL571AA.
	HP Dual Output USB Graphics Adapter - You can boost your productivity by creating a dual-monitor setup with the HP Dual Output USB Graphics Adapter – featuring both DVI-I and DisplayPort inputs to drive displays at high resolutions through a single USB 3.0 connection to your PC. Part number CSU89AA.
	HP Business PC Security Lock Kit - 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. Part number PV606AA.
	HP LCD Monitor Quick Release <sup>7</sup> - 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. Part number EM870AA.
	HP Integrated Work Center Stand – USDT and Thin Clients - Allows mounting of a 17 - 24 inch diagonal HP LCD monitor and an HP Compaq 8000 serie Ultra-slim Desktop PC as well as select HP Thin Clients on a single stand for the convenience of an "all-in-one" form factor. For more information, refer to this product's QuickSpecs document. Part number LH526AA.
	HP LCD Speaker Bar - 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. Part number NQ576AA.
	<b>HP Business Headset</b> - A headset that is perfect for call centers, telephone-intensive jobs, or casual use while working at your desk. The over-the-hea flexible design includes light padding, full size leather ear phones and a mounted microphone boom. Part number QK550AA.
	HP DVI to DVI Cable - Connect to external monitors with a DVI connector from an HP Compaq Business Desktop computer with a DVI connector. The cable is a single link cable with DVI-D support on both connectors. The cable will connect to either a DVI-D or DVI-I connector on the monitor and the graphics card. Part number DC198A.
Certification and complia	nce CE, CB, KC, KCC, NOM, PSB, ICE, TUV-S, CCC, CEL Grade 1, CECP, SEPA, TCO Certified Edge, VCCI, FCC, Taiwan BSMI, ENERGY STAR®, EPEAT® Gold² (select regions)
Limited warranty	Protected by HP, including a 3 year standard limited warranty. Optional HP Care Pack Services <sup>4</sup> are extended service contracts that

- 1. Internet service required, and not included.
- 2. EPEAT® Gold where HP registers commercial display products. See www.epeat.net for registration status in your country.

extend your protection beyond the standard warranties.

- 3. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- 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. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- 6. Each accessory and mounting hardware is sold separately.
- 7. 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.
- © Copyright 2013 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. 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. ENERGY STAR is a registered mark owned by the U.S. government. June 2013