



## HP ProDisplay P221 21.5-inch LED Backlit Monitor

Your everyday business monitor just got an upgrade. Practical, reliable, stylish, environmentally conscious, and an extra-large screen so you can work smarter throughout the day. What's not to love?



Efficiently grow and maintain your business with proven HP quality and reliability, a stable lifecycle, HP accessory compatibility, and energy savings. Do more every day and help save money with a monitor that goes the distance.

### Essential business features

Competitively support your business needs with the largest HP ProDisplay monitor. Review documents side by side, read e-mails<sup>1</sup> while multitasking, and keep more applications open at the same time on the extra-large 21.5-inch diagonal screen. See the difference with LED technology that delivers vibrant text and graphics and makes the display thin and light.

Wide viewing angles deliver clear views for single and multiple users. High contrast ratios and fast response times keep content crisp and readable. Work comfortably with adjustable tilt, and easily connect devices with convenient VGA and DVI inputs. Minimize clutter and simplify setup with the internal power supply.

### Compatibility with HP accessories

Customize your work space with options like the HP Speaker Bar and HP USB Graphics Adapter.<sup>2</sup> Free up valuable space and lift the monitor off the desk with a 100-mm standard VESA pattern that supports swing arm and wall mounting.<sup>2</sup>

### Stability now and peace of mind for the future

Maintain product consistency across deployments, ease transitions, and help reduce support costs with a minimum one-year lifecycle from HP. Support identical installations and unify operations worldwide with product availability in 145+ countries. Get improved reliability from HP quality testing that puts our monitors through their paces before you do. Rest assured with the three-year standard limited warranty. Select optional HP Care Pack Services<sup>3</sup> to extend your protection.

### Earn your environmental stripes

Help reduce power consumption and energy costs with an intelligent, energy-efficient design. Mercury-free LED backlighting, a BFR/PVC-free design<sup>4</sup>, and arsenic-free<sup>5</sup> display glass are just a few of the display's responsible details. Lower your overall bottom line with award-winning eco-certifications, including ENERGY STAR<sup>®</sup>, EPEAT<sup>®</sup> Gold<sup>6</sup>, and TCO.

# HP ProDisplay P221 21.5-inch LED Backlit Monitor

<b>Part number</b>	C9E49AA
<b>Panel type</b>	TN with LED backlight
<b>Viewable image area</b>	54.61 cm (21.5 in) diagonally measured
<b>Viewing angle</b>	<b>Horizontal:</b> 170 degrees <b>Vertical:</b> 160 degrees
<b>Brightness<sup>7</sup></b>	250 nits (cd/m <sup>2</sup> )
<b>Contrast ratio<sup>7</sup></b>	<b>Static:</b> 1000:1 <b>Dynamic:</b> 3,000,000:1
<b>Response rate<sup>7</sup></b>	5 ms
<b>Frequency</b>	<b>Horizontal:</b> 24 KHz-94 KHz <b>Vertical:</b> 50 Hz-76 Hz
<b>Aspect ratio</b>	16:9
<b>Native resolution</b>	1920 x 1080 @ 60 Hz
<b>Resolutions supported</b>	640 x 480 @ 60 Hz, 720 x 400 @ 70 Hz, 800 x 600 @ 60 Hz, 1024 x 768 @ 60 Hz, 1280 x 720 @ 60 Hz, 1280 x 1024 @ 60 Hz, 1440 x 900 @ 60 Hz, 1600 x 900 @ 60 Hz, 1680 x 1050 @ 60 Hz, 1920 x 1080 @ 60 Hz
<b>Input signal</b>	VGA, DVI with HDCP support
<b>User controls</b> (on-screen display)	Menu, Minus ("−"), Plus ("+"), "OK"/Auto and Power
<b>Power consumption</b>	<b>Maximum:</b> 31 W <b>Typical:</b> 25 W <b>Power saving:</b> 0.5 W
<b>Dimensions</b> (w x d x h)	<b>Unpacked:</b> 51,8 x 16 x 37,93 cm (20.39 x 6.3 x 14.93 in) <b>Head only:</b> 51,8 x 16 x 31,52 cm (20.39 x 6.3 x 12.41 in)
<b>Weight</b>	<b>Unpacked:</b> 4 kg (8.8 lb) <b>Head only:</b> 3,3 kg (7.48 lb)
<b>Base features</b>	<b>Tilt:</b> -5 degrees to +25 degrees
<b>Environmental</b>	<b>Operating:</b> 5° to 35° C (41° to 95° F) <b>Non-operating:</b> -20° to 60° C (-34° to 140° F)
<b>Certification and compliance</b>	TCO Displays, ISO 9241-307, CISPR Requirements, VCCI Approvals, KC and KCC (Korean) Requirements, CSA 60950-1, UL 60950-1, EN55022 Class B, CNS 13438 Class B, IEC 60950-1, China Energy Label (CEL), China MEPS, Korea MEPS (pending, Energy Boy), SmartWay – NA only - Energy logistics, EUP Lot 6 Tier 1 AS/NZS 3548 Class B Approval, "GS" Mark, TUV Approvals, GEEA, CE Marking, FCC Part 15 class B Approval, ENERGY STAR® qualified, EN55024 Class B, EN60950 -1, CUL, CCIB, CCEE, IT ECO (EDS), EPEAT® Gold <sup>6</sup> (select regions)
<b>Limited warranty</b>	Three-year parts, labor, and on-site service (3/3/3) standard limited warranty. Optional HP Care Pack Services <sup>3</sup> are extended service contracts to extend your protection beyond the standard warranties.

1. Internet connection required.

2. Each accessory and mounting hardware is sold separately.

3. 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. HP Care Pack Services extend service contracts beyond the standard warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at [www.hp.com/go/lookuptool](http://www.hp.com/go/lookuptool). Additional HP Care Pack Services information by product is available at [www.hp.com/hps/carepack](http://www.hp.com/hps/carepack).

4. Meeting the industry definition of 'BFR/PVC-free' per the iNEMI Position Statement on "Low Halogen" Electronics. Plastic parts incorporated into the chassis generally contain < 1000 ppm (0.1%) of bromine or chlorine. Printed circuit board and substrate laminates generally contain < 1500 ppm (0.15%) of total bromine and chlorine. Service parts after purchase may not be BFR/PVC-free. External accessories, including power supplies, power cords, and peripherals are not BFR/PVC-free.

5. Arsenic and its compounds were not detected using U.S. EPA test methods 3052/6010b by ICP-AES with a MDL 10 ppm.

6. EPEAT® Gold where HP registers commercial display products. See [www.epeat.net](http://www.epeat.net) for registration status in your country.

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

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