



HP Essential Series

HP Compaq LE2202x

21.5-inch LED Backlit LCD Monitor

Introducing an affordably priced, high resolution monitor from HP that combines sleek design, responsible features, and high performance.

Maximize Your Workspace

The HP Compaq LE2202x looks great in any environment as it frees up valuable desk space with a thin profile and modest footprint. This is due to the sleek design and small, lightweight LEDs that provide the backlighting for the monitor. LEDs not only enable a monitor to be thin and light, but because they are solid state devices, they are also more robust and resistant to external shock compared to CCFL monitors.

Reduce Your Impact

Designing more responsible monitors is one way HP strives to help reduce environmental impact. The HP Compaq LE2202x provides a variety of environmental features, such as:

- A **Mercury-free LED backlit panel** eliminates concerns over the use of the element
- **BFR/PVC-free components and Arsenic-free¹ display glass** enable responsible recycling
- An **EPEAT[®] Silver²** registration, an **ENERGY STAR[®]** qualification, and a **TCO Displays** certification means your investment has met required energy efficiency and environmental performance criteria, enabling a responsible purchase

Boost Your Performance

Be sure to take note of the other innovative components of this monitor, which include:

- A **21.5-inch diagonal, Full HD³ (1920 x 1080 native resolution) display** brings content to life
- A staggering **3,000,000M:1 DCR, 170°/160° viewing angles**, and fast **5ms response times** offer crisp, detailed views of work or play⁴
- **Dual inputs (DVI-D and VGA)** provide advanced connectivity options
- **Display Assistant Software** enables theft deterrence, energy savings, convenient desktop partitioning, and custom picture quality
- **Tilt adjustability** helps provide clear views at many different angles
- **VESA compatibility** provides a wide range of mounting solutions
- A **cable management clip** keeps unruly cords in place

Relax with HP Reliability

Backed by award-winning HP worldwide service and support, this monitor's three year limited warranty **with optional extended care packs** includes parts, labor, and 24/7 toll-free technical support with real-time chat, helping assure your future business needs are covered.



HP Compaq LE2202x 21.5-inch LED Backlit LCD Monitor

Part number	LL649AA
Panel type	TN (Twisted Nematic) LED Backlit LCD
Viewable image area	54,61 cm (21.5 in) widescreen diagonally measured
Viewing angle	Up to 170° horizontal/160° vertical (10:1 minimum contrast ratio)
Brightness⁴	250 nits (cd/m ²)
Contrast ratio⁴	Dynamic: 3,000,000:1; Static: 1000:1
Response rate⁴	5 ms (on/off)
Frequency	Horizontal: 24 to 94 kHz; Vertical: 50 to 76 Hz
Native resolution	1920 x 1080 @ 60 Hz
Resolutions supported	1920 x 1080 @ 60 Hz, 1680 x 1050 @ 60 Hz, 1440 x 900 @ 60 Hz, 1280 x 1024 @ 60 Hz, 1280 x 720 @ 60 Hz, 1024 x 768 @ 60 Hz, 800 x 600 @ 60 Hz, 640 x 480 @ 60 Hz
Input signal	VGA (analog), DVI-D w/ HDCP
User controls (on-screen display)	Brightness, Contrast, Positioning, Color temperature (Warm, Standard, Cool, Custom), Image Control (Clock, Clock Phase, Scaling, Sharpness, DCR), Monitor Management, Source Control, Information, Factory Reset
Input power	Internal, Auto-Sensing, 100 to 240 VAC, 50 or 60 Hz
Power consumption	Maximum: 28 watts; Typical: 26 watts ; Power saving: <0.5 watt
Dimensions (w x d x h)	Unpacked w/stand: 51,8 x 16 x 37,97 cm (20.4 x 6.3 x 14.9 in) Unpacked w/o stand (head only): 51,8 x 4,75 x 31,52 cm (20.4 x 1.9 x 12.4 in) Packaged: 57,1 x 42,9 x 12,6 cm (22.5 x 16.9 x 5.0 in)
Weight	Head only: 3,25 kg (7.17 lb); Unpacked: 3,9 kg (8.6 lb); Packaged: 5,1 kg (11.24 lb)
Base features	Tilt range: -5° to + 25° vertical
Environmental	Operating: 0° to 35° C (32° to 95° F); Non-operating: -20° to 60° C (-4° to 140° F)
Options (each sold separately)	<p>HP Single Monitor Arm - Optional; The flexible design of the HP Single Monitor Arm provides a seemingly endless range of display adjustments with an amazing 13 inches of lift, 50 degrees of tilt, and 360 degrees of pan and rotation – all at your fingertips – helping you stay comfortable and productive throughout the day. Part number BT861AA.</p> <p>HP Adjustable Dual Display Stand - Optional; 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. Part number AW664AA.</p> <p>HP LCD Speaker Bar - Optional; powered directly by the connected PC, seamlessly attaches to the monitor's bezel to bring full multimedia support to select HP LCD monitors; features dual speakers with full sound range and two external jacks for headphones. Part number NQ576AA.</p> <p>HP Quick Release - Optional; easy-to-use, VESA-compliant, LCD monitor mounting solution that allows quick and secure attachment of an LCD monitor to a variety of stands, brackets, arms or wall mounts. Part number EM870AA.</p> <p>HP Integrated Work Center Stand - Optional; Allows mounting of select 17-24-inch diagonal HP LCD monitors and an HP Compaq 8000 Series Desktop PC or select HP Thin Clients on a single stand for the convenience of an "all-in-one" form factor. Sold separately. Part number LH526AA.</p> <p>HP USB Graphics Adapter - Optional; 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.</p> <p>HP Business PC Security Lock Kit - Optional; 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.</p>
Certification and compliance	TCO 5.0, VCCI, KC, CECP, FCC, CE, BSMI, ISC, C-Tick, Gost, E-Standy, RoHS, WEEE, ETL, CCC, Energy Star® 5.0, NOM, KCC, BSMI, TUV, Microsoft WHQL, China Energy Label Grade 1, EPEAT® Silver (select regions) ²
Limited warranty	Protected by HP, including a 3 years parts, 3 years labor, and 3 years onsite service (3/3/3) standard limited warranty. Certain restrictions and exclusions apply. (HP Care Pack Services extend service contracts beyond the standard warranties. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts from date of hardware purchase. 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 . Additional HP Care Pack Services information by product is available at www.hp.com/hps/carepack .)

1. Arsenic and its compounds were not detected using U.S. EPA test methods 3052/6010b by ICP-AES 2. EPEAT® Silver where HP registers commercial display products. See www.epeat.net for registration status in your country. 3. High definition (HD) content is required to view HD images. This monitor is capable of 1080p resolution. 4. 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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