

## Datasheet

# HP EliteDisplay E231e 58,4 cm (23") IPS LED Backlit Display



## IPS Gen 2, aesthetic design, customizable comfort, and energy smarts

Get business-class In-Plane Switching (IPS) Gen 2 technology, extra-wide viewing angles, a grey design that meets recommendations of Germany's BGI 650, and extraordinary comfort and energy savings with the HP EliteDisplay E231e 23-inch IPS LED Backlit Monitor.



### Now see everything.

- Enjoy an incredible 178-degree viewing angles and stunning color integrity from IPS Gen 2 technology that lets you share your 58,4 cm (23") diagonal screen with everyone in the room.

### Power through your day in comfort.

- Find your sweet spot with customizable settings—the most adjustability available on an HP business display. The display also meets TCO Certified Edge requirements for innovative products at the forefront of environmental and ergonomic stand design.

### Designed with the environment in mind.

- Reduce power consumption with an intelligent, energy-efficient, low-halogen<sup>1</sup> design that uses IPS Gen 2, is ENERGY STAR<sup>®</sup> and TCO qualified and EPEAT<sup>®</sup> Silver registered,<sup>2</sup> and includes mercury-free display backlights and arsenic-free display glass.
- View all the stunning details on a narrow-bezel 23-inch diagonal display with 1920 x 1080 full HD resolution<sup>3</sup>, 250 cd/m<sup>2</sup> brightness, 1000:1 contrast ratio, 4M:1 dynamic contrast ratio, and 8 ms response time.<sup>4</sup>
- Enjoy future-ready and legacy connectivity from a range of inputs that include DisplayPort 1.2, DVI, VGA, and an integrated USB hub that enables easy peripheral connectivity at the display.
- The internal supply and compact footprint let you design a tidy multi-monitor<sup>5</sup> workspace and put all of your projects front and center on the desk. No more resizing windows to fit your work.
- Personalize your workspace with HP Display Assistant software and deter theft with a user-designated PIN that deactivates the monitor when disconnected from your PC without approval.
- Rest assured that your IT investment is supported by a three-year standard limited warranty. To extend your protection beyond the standard warranties, select optional HP Care Pack Services.<sup>6</sup>

## HP EliteDisplay E231e 58,4 cm (23") IPS LED Backlit Display Specifications Table



<b>Product Number</b>	G7D45AA; G7D45AT
<b>Display size (diagonal)</b>	58,4 cm (23")
<b>Viewing Angle</b>	178° horizontal; 178° vertical
<b>Brightness</b>	250 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1000:1 static; 5000000:1 dynamic <sup>1</sup>
<b>Response Ratio</b>	8 ms grey to grey <sup>1</sup>
<b>Aspect Ratio</b>	16:9
<b>Native Resolution</b>	1920 x 1080
<b>Resolutions Supported</b>	1920 x 1080; 1680 x 1050; 1600 x 900; 1440 x 900; 1280 x 720; 1024 x 768; 800 x 600; 720 x 400; 640 x 480
<b>Display Features</b>	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls; LED Backlights; In plane switching
<b>User Controls</b>	Menu; Minus ("-"); Plus ("+") /Input; OK/Auto; Power
<b>Input signal</b>	1 VGA; 1 DVI-D (with HDCP support); 1 DisplayPort 1.2 (with HDCP support)
<b>Ports and Connectors</b>	3 USB 2.0 (one upstream, two downstream)
<b>Input power</b>	Input voltage: 100 to 240 VAC
<b>Power consumption</b>	36 W (maximum), 28 W (typical), > 0.5 W (standby)
<b>Dimensions with Stand (W x D x H)</b>	54.4 x 24.29 x 46.99 cm
<b>Dimensions without Stand (W x D x H)</b>	54.4 x 5.1 x 32.9 cm
<b>Weight</b>	6.4 kg
<b>Ergonomic features</b>	Tilt: -5 to +30°; Swivel 360°; Height: 0-150mm; Pivot rotation: 90°
<b>Environmental</b>	Arsenic-free display glass; Mercury-free display backlights; Low halogen <sup>2</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR® qualified
<b>Warranty</b>	3-years limited warranty including 3 years of parts and labour. Certain restrictions and exclusions apply.

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### Accessories and services (not included)

#### HP Dual Output USB Graphics Adapter



Increase screen real estate and productivity with a dual-monitor setup with the HP Dual Output USB Graphics Adapter, featuring DVI-I and DisplayPort outputs to drive displays at high resolutions through a single USB 3.0 B connection to your PC.

**Product number: C5U89AA**

#### HP Integrated Work Center Stand for Ultra Slim Desktop and Thin Client



The HP Integrated Work Center Stand is designed to help maximize the use of limited desk space without compromising performance or productivity by accommodating an HP Compaq 6005 Pro, or 8000 Series HP Ultra-slim Desktop PC or an HP Thin Client and most HP 17 to 24-inch\* (43,18 to 60,96 cm) diagonal LCD monitors (please refer to compatibility in the Quick Spec) with VESA standard mounting brackets. \* HP monitors weighing 3,4 kg to 4,8 kg (7.5 lbs to 10.5 lbs).

**Product number: E8H16AA**

#### HP LCD Monitor Quick Release Mount



A secure and easy-to-use mounting solution for your VESA-compliant HP thin clients, compatible HP flat panel monitors and other HP desktop products. Attach to any a compatible stand, bracket or wall mount and make the most of your workspace.

**Product number: EM870AA**

#### HP Integrated Work Center 3 for Small Form Factor



Maximize your work space with the HP Integrated Work Center for Small Form Factors v3. Customize an "all-in-one" solution by combining an HP Small Form Factor or Workstation with an LED monitor up to 24 diagonal inches.

**Product number: F2P06AA**

#### HP Integrated Work Center for Desktop Mini and Thin Client



Make the most of small work spaces with an HP IWC Desktop Mini/Thin Client that lets you create a compact desktop solution by combining a display with an HP Desktop Mini, HP Thin Client or HP Chromebox<sup>1</sup> and giving you convenient front access to all of its inputs.

**Product number: G1V61AA**

#### HP LCD Speaker Bar



Attach seamlessly to the front bezel of your monitor to add full multimedia support features, including stereo speakers with full sound range and an external jack for headphones.

**Product number: NQ576AA**

#### 5-year Next Business Day Onsite

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

**Product number: U7935E**



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### Messaging Footnotes

<sup>1</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

<sup>2</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.

<sup>3</sup> High-definition content required.

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

<sup>5</sup> Each monitor sold separately.

<sup>6</sup> HP Care Pack Services are sold separately. 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](http://www.hp.com/go/cpc) for details.

### Technical specifications disclaimers

<sup>1</sup> All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.; <sup>2</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.; Screen Size: 25,65 cm (10.1") diagonal; Screen Size: 39,6 cm (15.6") diagonal

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[www.hp.eu/monitors](http://www.hp.eu/monitors)

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