

# HP EliteDisplay E231i 23-in IPS LED Backlit Monitor



IPS goes mainstream with the HP EliteDisplay E231i 23-inch IPS LED Backlit Monitor, a business-class combination of In-Plane Switching (IPS) Gen 2 technology, extra-wide viewing angles, and extraordinary comfort and energy savings.



**Now see everything.**

Enjoy an incredible 178-degree viewing angles and stunning color integrity from IPS Gen 2 technology that lets you share your 23-inch 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.**

An intelligent, energy-efficient design using IPS Gen 2 technology and is ENERGY STAR® and TCO qualified and EPEAT® Gold registered.<sup>1</sup> The display includes mercury-free display backlights, a low halogen design<sup>2</sup>, and arsenic-free display glass.

## Datasheet

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<b>Display size (diagonal)</b>	23"
<b>Viewable image area</b>	178° horizontal; 178° vertical
<b>Brightness</b>	250 cd/m <sup>2</sup>
<b>Contrast ratio</b>	1000:1 static; 4000000:1 dynamic <sup>1</sup>
<b>Response rate</b>	8 ms gray to gray <sup>1</sup>
<b>Product colour</b>	Black
<b>Native resolution</b>	1920 x 1080
<b>Resolution supported</b>	1920 x 1080; 1680 x 1050; 1600 x 900; 1440 x 900; 1280 x 1024; 1280 x 720; 1024 x 768; 800 x 600; 720 x 400; 640 x 480
<b>Aspect Ratio</b>	16:9
<b>Display Features</b>	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls; LED Backlights; In plane switching
<b>Input signal</b>	1 VGA; 1 DVI-D; 1 DisplayPort 1.2
<b>Ports and Connectors</b>	3 USB 2.0 (one upstream, two downstream)
<b>User Controls</b>	Menu; Minus ("-"); Plus ("+") /Input; OK/Auto; Power
<b>Input power</b>	Input voltage: 100 - 240 VAC
<b>Power consumption</b>	36 W (maximum); 28 W (typical); 0.5 W (standby)
<b>Dimensions</b>	with stand: 54.4 x 24.29 x 46.99 cm without stand: 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°; Pivot rotation: 90°
<b>Physical security features</b>	Security lock ready
<b>Environmental</b>	Operating temperature: 5 to 35°C Operating humidity: 20 to 80% RH
<b>Energy Efficiency Compliance</b>	ENERGY STAR® qualified
<b>Certification and compliance</b>	TCO Certified Edge; GS; Gost; CUL; CEL Grade 1; FCC; NOM; CSA; S-mark; VCCI; MIC; PSB; ISC; CCC; BSMI; C-Tick; ICES; Microsoft WHQL Certification (Windows 8 and Windows 7) Arsenic-free display glass; Mercury-free display backlights; Low halogen <sup>2</sup>
<b>What's in the box</b>	Monitor; AC power cord; USB cable; VGA cable; DVI-D cable (only in Asia-Pacific); DisplayPort cable (not in Asia-Pacific except for Australia and New Zealand); CD with User Guide, warranty, drivers; HP Display Assistant software
<b>Warranty</b>	Protected by HP, including a 3-year standard limited warranty. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit <a href="http://www.hp.com/go/cpc">www.hp.com/go/cpc</a> .

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### Recommended Accessories and Services

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#### HP Adjustable Dual Display Stand



The HP Adjustable Dual Display Stand allows you to use two displays to maximize your productivity and optimize efficiency. Either or both displays can be rotated to landscape or portrait orientation, and the stand is depth-, height-, tilt-, and angle-adjustable so you can view both screens at eye-level as well as slightly facing each other, letting you track multiple applications and information sources at the same time. Integrated base rollers let you rotate the stand so you can more easily share your work.

**Product number: AW664AA**

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#### 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**

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#### HP USB Graphics Adapter



HP offers a variety of optional products (each sold separately) designed to complement our monitors and enhance the overall computing experience. The super-compact HP USB Graphics Adapter enables connection of up to six simultaneous displays to help you boost productivity and multi-task across several open applications. 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. Supports resolutions up to 1920 x 1080 (widescreen) or 1600 x 1200 (traditional).

**Product number: NL571AA**

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#### 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**

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#### HP Business PC Security Lock Kit



This handy device secure HP Business PC in public locations by locking-down peripherals and preventing removal of PC chassis cover. The Lock attaches to the rear of the PC and steel cable can be used to physically connect system to an anchor point.

**Product number: PV606AA**

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#### HP DisplayPort Cable Kit



Connects a DisplayPort connector on an HP Business Desktop computer to a DisplayPort connector on a monitor.

**Product number: VN567AA**

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#### HP 5-year Next Business Day Onsite Large Monitor Hardware Support



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](http://www.hp.com/go/cpc).

**Product number: U7937E**

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## Footnotes

<sup>1</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.

<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.

## 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.

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