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[1] design that uses IPS Gen 2, is ENERGY STAR® and TCO qualified and EPEAT® Silver registered,[2] 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[3], 250 cd/m2 brightness, 1000:1 contrast ratio, 4M:1 dynamic contrast ratio, and 8 ms response time.[4]

● 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[5] 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.

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

Product Number	G7D45AA; G7D45AT
Product Color	Ergo Grey (meets recommendations of the Germany's BGI 650)
Display size (diagonal)	58,4 cm (23")
Viewing Angle	178° horizontal; 178° vertical
Brightness	250 cd/m²[1]
Contrast Ratio	1000:1 static; 5000000:1 dynamic[1]
Response Ratio	8 ms grey to grey[1]
Aspect Ratio	16:9
Native Resolution	1920 x 1080
Resolutions Supported	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
Display Features	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls; LED Backlights; In plane switching
User Controls	Menu; Minus ("-"); Plus ("+") /Input; OK/Auto; Power
Input signal	1 VGA; 1 DVI-D (with HDCP support); 1 DisplayPort 1.2 (with HDCP support)
Ports and Connectors	3 USB 2.0 (one upstream, two downstream)
Input power	Input voltage: 100 to 240 VAC
Power consumption	Power consumption Description: 36 W (maximum), 28 W (typical), > 0.5 W (standby); Screen resolution: 1920 x 1080
Dimensions with Stand (W x D x H)	54.4 x 24.29 x 46.99 cm
Dimensions without Stand (W x D x H)	54.4 x 5.1 x 32.9 cm
Weight	6.4 kg
Ergonomic features	Tilt: -5 to +30°; Swivel 360°; Height: 0-150mm; Pivot rotation: 90°
Certification and Compliance	TCO Certified Edge; TÜV-GS; Gost; UL; CEL Grade 1; FCC; CSA; NOM; S-mark; VCCI; MIC; PSB; ISC; CCC; BSMI; C-Tick; ICES; Microsoft WHQL Certification; Meets recommendations of the Germany's BGI 650
Environmental	Arsenic-free display glass; Mercury-free display backlights; Low halogen[2]
Energy Efficiency Compliance	ENERGY STAR® qualified
What's in the box	Monitor; VGA cable; AC power cord; USB cable; DisplayPort cable; CD (includes User Guide, warranty, drivers); HP Display Assistant software
Warranty	5 years Next Business Day Onsite Support. HP support includes HP 3-year limited warranty plus a 5-year HP Onsite Care Pack support, as of date of purchase of the hardware product. Onsite support is offered if the problem cannot be handled over the phone. Delivery of support services outside of the applicable HP coverage areas may be subject to longer response times.

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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.
Product number: E8H16AA

HP Quick Release

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 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

Learn more at
www.hp.eu/hpoptions

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Messaging Footnotes

[1] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[2] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
[3] High-definition content required.
[4] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[5] Each monitor sold separately.

Technical specifications disclaimers

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[2] 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

Learn more at
www.hp.eu/monitors

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Explore monthly payment options and technology refresh plans that can provide more flexibility to help you meet your IT goals. More information on www.hp.com/go/hpfs.

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