

Datasheet

HP EliteDisplay E223 54.6 cm (21.5") Monitor



Take your mainstream display to the edge

Style meets substance in a strikingly modern business display crafted for optimal viewing, productivity, and ergonomics. The HP EliteDisplay E223 54.6 cm (21.5") Monitor has a 3-sided micro-edge bezel for seamless multi-display tiling and 4-way adjustability so you can comfortably power through your day.



Break the boundaries

- Expand your productivity with uninterrupted views of one screen or many with a 3-sided micro-edge bezel that supports virtually seamless arrays.¹ Get crisp visuals from any angle on the 1920 x 1080 Full HD resolution², 54.6 cm (21.5") diagonal IPS screen.

Work comfortably

- Find your most comfortable, productive position with adjustable tilt, height, swivel, and up to 150 mm height adjustment settings. Use pivot rotation to customize portrait or landscape views when using multiple displays.¹

Experience simple, convenient connectivity

- Work with your most frequently-used devices with VGA, HDMI, and DisplayPort™. Connect your USB accessories right at the display with two USB 3.0 ports.

Featuring

- Create an efficient, compact solution when you mount your compatible HP Desktop Mini PC, Thin Client or Chromebox directly on the column stand using the optional HP B300 PC Mounting Bracket.³
- Reduce power consumption and help lower costs with a low halogen, ENERGY STAR® certified, EPEAT® Gold registered display that meets TCO Certified Edge with 85% Post-Consumer Recycled plastics.^{4,5}
- Design the screen for how you work with HP Display Assistant software, which enables screen partitioning and helps deter theft by dimming a display that's disconnected without approval.
- Build a complete solution with optional HP accessories like an HP Single Arm to take the display off the desk, an HP USB Graphics Adapter for multi-display setups or an HP S100 Speaker Bar for space-saving audio.⁶

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Specifications Table



Product Number	1FH45AA;
Product Color	Black and Silver
Display size (diagonal)	54.6 cm (21.5")
Display Type	IPS w/LED backlight
Panel Active Area	47.6 x 26.77 cm;
Viewing Angle	178° horizontal; 178° vertical
Brightness	250 cd/m ² 1
Contrast Ratio	1000:1 static; 5000000:1 dynamic1
Response Ratio	5 ms on/off1
Aspect Ratio	16:9
Native Resolution	FHD (1920 x 1080 @ 60 Hz)
Resolutions Supported	1920 x 1080; 1680 x 1050; 1600 x 900; 1440 x 900; 1280 x 1024; 1280 x 800; 1280 x 720; 1024 x 768; 800 x 600; 720 x 400; 640 x 480
Display Features	Anti-glare; In plane switching; Language selection; LED Backlights; On-screen controls; Pivot rotation; Plug and Play; User programmable; Anti-static
User Controls	Brightness; Color Control; Contrast; Exit; Image Control; Information; Input Control; Language; Management; Menu; Minus ("-"); OK; Plus ("+"); Power Control
Input signal	1 VGA; 1 HDMI 1.4 (with HDCP support); 1 DisplayPort™ 1.2 (with HDCP support)
Ports and Connectors	3 USB 3.0 (one upstream, two downstream)1
Input power	Input voltage: 100 to 240 VAC
Power consumption	Energy Efficiency Class: A; Panel Active Area: 47.6 x 26.77 cm; On-mode power consumption: 17 W; Annual energy consumption: 25 kWh; Power consumption (standby): 0.5 W; Power consumption (off-mode): 0.3 W; Power consumption Description: 36 W (maximum), 18 W (typical), 0.5 W (standby); Screen resolution: FHD (1920 x 1080 @ 60 Hz)
Dimensions with Stand (W x D x H)	48.83 x 20.5 x 46.37 cm
Dimensions without Stand (W x D x H)	48.83 x 4.46 x 29.33 cm
Weight	5.26 kg (With stand)
Ergonomic features	Tilt: -5 to +23° ; Swivel: ± 45° ; Pivot rotation: 90° ; Height: 150 mm
Certification and Compliance	BSMI; CB; CCC; CE; CEL; cTUVus; ErP; FCC; ICES; ISC; ISO 9241-307; Mexico CoC; MSIP; RCM; S-mark; SmartWay Transport Partnership - NA only; TUV-GS; VCCI; WEEE; KC; KCC; PSB; EAC; Vietnam MEPS; Australian-New Zealand MEPS
Environmental	Arsenic-free display glass; Mercury-free display backlights; Low halogen
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Gold
What's in the box	Monitor; AC power cord; VGA cable; USB cable (Type A male to Type B male); DisplayPort™ 1.2 cable; CD (includes user guide, warranty, drivers); HP Display Assistant
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 B300 PC Mounting Bracket



Customize an altogether better solution with the HP B300 PC Mounting Bracket, which lets you attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select 2017 and 2018 HP EliteDisplays and HP Z Displays.¹

Product number: 2DW53AA

HP Single Monitor Arm



The HP Single Monitor Arm is the perfect desk accessory for your work life. Sleek and streamlined, the HP Single Monitor Arm is designed to complement the way you work.

Product number: BT861AA

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 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 display¹ with an HP Desktop Mini, HP Thin Client or HP Chromebox¹ and giving you convenient front access to all of its inputs.

Product number: G1V61AA

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Messaging Footnotes

¹ Each display sold separately.

² All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

³ HP Mini PC sold separately. HP Desktop PC, Thin Client, and Chromebox sold separately and require the HP B300 PC Mounting Bracket, also sold separately. See display QuickSpecs for product compatibility.

⁴ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

⁵ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options

⁶ Each sold separately.

Technical specifications disclaimers

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