

## Datasheet

# HP EliteDisplay S230tm 58,4 cm (23") Touch Monitor



Immerse yourself in a multi-touch display designed for modern business

Make the most of your business PC's Windows 8 environment with a fully reclining, multi-touch IPS display that puts productivity at your fingertips and keeps you comfortable throughout the day. Enjoy vibrant Full HD images on the extra-large 58,4 cm (23") diagonal screen.



### Do more

- Tap, slide, and swipe your way to greater productivity. This Windows 8-certified multi-touch monitor is plug-and-play ready to support the latest touch-enabled business applications and designed to recline for a more comfortable touch experience.

### Now see everything

- Get a great visual experience, even in high ambient light, with the wide 178-degree viewing angles from IPS technology. Take advantage of Full HD<sup>1</sup> resolution, and anti-glare protective glass.

### Meet on a moment's notice

- Enjoy an ideal communication experience with a display optimized for business-class collaboration with integrated speakers, webcam, and dual microphones.

### Featuring

- Use up to five simultaneous touch points with optical touch technology that's certified for Windows 8 and plug-and-play ready to work with Windows 7, too.
- Get great viewing angles and stunning color integrity from In-Plane Switching (IPS) technology. Share videoconferences with everyone in the room in Full HD<sup>1</sup> across a 23-inch diagonal screen.
- Easily connect to your platform and a range of devices with convenient DVI and DisplayPort inputs.
- The deep recline, easel design adjusts from +15 to +70 degrees. Take the display off the desk and place on an optional arm mount<sup>2</sup> or optional wall mount<sup>2</sup> with the 100 mm VESA mount support.
- Be a better consumer with a display that has environmentally responsible components that include low halogen<sup>3</sup>, arsenic-free glass, and mercury-free backlights.

# HP EliteDisplay S230tm 58,4 cm (23") Touch Monitor Specifications Table



<b>Product Number</b>	E4503AA; E4503AT
<b>Product Color</b>	Black/Silver
<b>Display size (diagonal)</b>	58,4 cm (23")
<b>Viewing Angle</b>	178° horizontal; 178° vertical
<b>Brightness</b>	220 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1000:1 static; 10000000:1 dynamic <sup>1</sup>
<b>Response Ratio</b>	7 ms gray to gray <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 1024; 1280 x 720; 1024 x 768; 800 x 600; 720 x 400; 640 x 480
<b>Display Features</b>	5-point optical touch technology; Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls; LED Backlights; In Plane Switching panel; Touch enable
<b>User Controls</b>	Menu; Minus ("-"); Plus ("+"); OK; Power
<b>Input signal</b>	1 DisplayPort (with HDCP support); 1 DVI-D
<b>Ports and Connectors</b>	1 USB (USB connection for touch and webcam functions only)
<b>Input power</b>	Input voltage: 90 to 265 VAC
<b>Power consumption</b>	Power consumption Description: 33 W (maximum), 25 W (typical), 0.5 W (standby); Screen resolution: 1920 x 1080
<b>Dimensions with Stand (W x D x H)</b>	59.93 x 6.95 x 40.92 cm
<b>Dimensions without Stand (W x D x H)</b>	59.93 x 4.05 x 40.92 cm
<b>Weight</b>	6.5 kg
<b>Ergonomic features</b>	Tilt: +15 to +70°
<b>Webcam</b>	Integrated 720p webcam
<b>Multimedia</b>	Internal 2W per channel speakers; headphone jack and dual microphone
<b>Certification and Compliance</b>	TCO Certified; CB; CE; TUV-S; EAC; CUL; FCC; CSA; NOM; S-mark; VCCI; PSB; ISC; CCC; BSMI; C-Tick; E-standby; eK; CECP; CEL Grade 1; SmartWay Transport Partnership (NA); Microsoft WHQL Certification
<b>Environmental</b>	Mercury-free display backlights; Arsenic-free display glass; Low halogen <sup>2</sup>
<b>What's in the box</b>	Monitor; DVI-D cable; DisplayPort cable; USB cable; Audio cable; AC Power cable; Documentation kit with CD; HP Display Assistant software; HP YouCam software
<b>Warranty</b>	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)

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#### HP Display and Notebook Stand



The perfect home base for the business traveler who is constantly on the go - turn your HP Business Notebook into a desktop solution supporting up to two displays (notebook display plus external display). The adaptable design of the HP Adjustable Display Stand can accommodate a range of notebook sizes with the innovative adjustable shelf. This stand can also accommodate notebooks that can be connected to a docking station and notebooks that do not have a docking connector. Integrated base rollers let you rotate the stand so you can more easily share your work. A dual-hinged, smooth-motion display stand allows for greater depth, height and tilt adjustment for maximum comfort.

**Product number: AW662AA**

#### 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 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 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 DisplayPort Cable Kit



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

**Product number: VN567AA**

### Learn more at

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

## HP EliteDisplay S230tm 58,4 cm (23") Touch Monitor

### Messaging Footnotes

<sup>1</sup> High-definition (HD) content is required to view HD images.

<sup>2</sup> Mounting arms and hardware sold separately.

<sup>3</sup> Sold separately. 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 [www.hp.com/go/cpc](http://www.hp.com/go/cpc). HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

### 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.

### Learn more at

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

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