

# HP ProDisplay P232 23-inch Monitor



Project your HP Pro PC content to a 23-inch diagonal display with the HP ProDisplay P232 Monitor, which has a sleek design, essential presentation features, and advanced connectivity for your everyday business productivity, all at a highly affordable price point.



## High-speed connection for FHD imagery.

- Experience stunning FHD picture quality, ultra-fast graphics refresh, and vivid colors from the DisplayPort connection, which also supports multiple monitor connections from a single PC. Get legacy device compatibility from the VGA connector.

## Create an efficient, easy-to-use workspace.

- Attach your HP Desktop Mini, HP Chromebox, or select HP Thin Client directly behind the display.<sup>1</sup> Keep things tidy with an integrated power supply and cable management features.

## Designed with the environment in mind.

- Reduce power consumption and help lower your costs with an intelligent, energy-efficient, low halogen<sup>2</sup> design that is ENERGY STAR<sup>®</sup> and TCO certified and EPEAT<sup>®</sup> Gold registered.<sup>3</sup>

## Additional features

- Enjoy crisp, clear Full HD color for all of your content on the 23-inch diagonal screen with 1920 x1080 resolution, 5 ms response time, and 1000:1 contrast ratio.<sup>4</sup>
- Free up valuable desk space—the integrated 100-mm VESA pattern supports wall or HP Single Monitor Arm<sup>5</sup> mounting. Select the head-only model<sup>6</sup> if you don't need a stand at all.
- Customize a total solution with options<sup>5</sup> designed for your display.
- Design the screen for how you work with HP Display Assistant software.
- Rest assured that your IT investment is supported by a three-year standard limited warranty, and a stable product lifecycle and minimum one-year lifespan. Add HP Care Pack Services<sup>6</sup> to extend your protection beyond the standard limited warranties.



## HP ProDisplay P232 23-inch Monitor Specifications Table



<b>Product Number</b>	K7X31AA
<b>Display Size (diagonal)</b>	23"
<b>Display Type</b>	TN w/LED backlight
<b>Panel Active Area</b>	20.04 x 11.27 in; 509.2 x 286.4 mm
<b>Viewing Angle</b>	170° horizontal; 160° vertical
<b>Brightness</b>	250 cd/m <sup>2</sup> <sup>1</sup>
<b>Contrast Ratio</b>	1000:1 static; 5000000:1 dynamic <sup>1</sup>
<b>Response Ratio</b>	5 ms on/off <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 800; 1280 X 720; 1024 X 768; 800 X 600; 640 X 480
<b>Display Features</b>	Anti-glare; Language selection; LED Backlights; On-screen controls; Plug and Play; User programmable
<b>User Controls</b>	Menu; Minus ("–"); Plus ("+"); Source; OK/Auto; Power
<b>Input Signal</b>	1 VGA; 1 DisplayPort 1.2 (with HDCP support)
<b>Input Power</b>	Input voltage: 100 to 240 VAC
<b>Power Consumption</b>	30 W (maximum), 24 W (typical), 0.5 W (standby)
<b>Dimensions with Stand (W x D x H)</b>	21.6 x 7.31 x 16.07 in 54.86 x 18.5 x 40.83 cm
<b>Dimensions without Stand (W x D x H)</b>	21.6 x 2.16 x 13.63 in 54.86 x 5.5 x 34.63 cm
<b>Weight</b>	8.82 lb 4 kg With stand
<b>Ergonomic Features</b>	Tilt: -5 to +22°
<b>Environmental</b>	Arsenic-free display glass; Mercury-free display backlights; Low halogen <sup>2</sup>
<b>What's in the Box</b>	AC power cord; VGA cable; DisplayPort cable; HP Display Assistant software; CD (includes user guide, warranty, drivers)
<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> .

See important legal disclaimers on the last page

## Accessories and services (not included)

**HP Quick Release Bracket**

HP Quick Release is an easy to use, 100 mm VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach a flat panel monitor to a variety of stands, brackets, arms or wall mounts. HP Quick Release can also be used for mounting any combination of devices that are compatible with the 100 mm VESA Flat Display Mounting Interface Standard. The failsafe "Sure-Lock" mechanism snaps the monitor (or mounted device) securely in place, and can be further secured with a theft-deterrent security screw.

**Product number: EM870AA**

**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**

**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 USB Graphics Adapter**

The super-compact HP USB Graphics Adapter enables connection of up to six simultaneous displays (one per adapter) to help you boost productivity and multi-task across several open applications.

**Product number: NL571AA**

**HP LCD Speaker Bar**

The LCD Speaker Bar seamlessly attached to the bezel of the HP Business Monitor and provides full multimedia capabilities.

**Product number: NQ576AA**

**HP Business PC Security Lock Kit**

Protect your HP Business PC from tampering or theft in public locations by locking-down peripherals such as mice, keyboards, monitors or USB security devices and preventing the removal of the PC chassis cover.

**Product number: PV606AA**

## **Messaging Footnotes**

- <sup>1</sup> Requires HP Quick Release, sold separately. See product QuickSpecs for exact PC and thin client compatibility.
- <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> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <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 accessory sold separately. Mounting hardware sold separately. Head only model 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. 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 Footnotes**

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