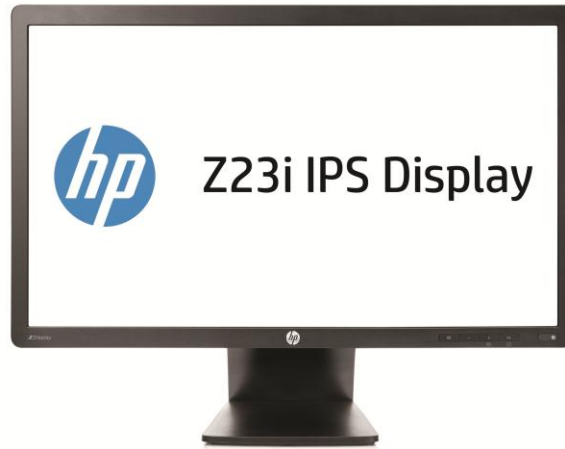




## HP Z23i 23-inch IPS Display

Work smarter and rely on a professional display designed for brilliant image accuracy, exceptional comfort and energy savings.



Get outstanding image accuracy, exceptional adjustability, and mission-critical reliability optimized for commercial environments. Built with IPS Gen 2 panels, the HP Z23i 23-inch IPS Display delivers power savings over first-generation IPS technology and extra-wide viewing angles that foster collaboration.

### Say hello to your new power-smart IPS Gen 2 team player

Lower your power consumption<sup>1</sup> and get 97% coverage of sRGB color spaces from IPS Gen 2 panels. Speed team reviews and collaborative decision-making with extra-wide viewing angles that give everyone the same great view.

View all the stunning details a narrow-bezel 23-inch diagonal display with 1920 x 1080 Full HD resolution.<sup>2</sup> Experience crisp, clear presentation from 250 cd/m<sup>2</sup> brightness, 1000:1 contrast ratio, 5M:1 dynamic contrast ratio, and 8 ms response time.<sup>3</sup>

Enhance the dark regions of your onscreen images and see the smallest details even better with integrated Black Stretch technology.

### Get comfortable with a TCO Certified Edge monitor

Find your most comfortable position with a 4-way adjustable stand that meets the TCO Certified Edge designation for innovative products at the forefront of environmental and ergonomic stand design.



### Easy-access connectivity within arm's reach

Enjoy future-ready and legacy connectivity from a range of inputs that include DisplayPort 1.2, DVI, VGA, and an integrated USB hub.

### Control your environmental impact

Reduce power consumption and help lower your costs with an intelligent, energy-efficient design that goes beyond IPS Gen 2 technology with ENERGY STAR® and EPEAT® Gold qualifications.<sup>4</sup>

The HP Z23i 23-inch IPS Display also includes a mercury-free backlight, a low halogen design,<sup>[5]</sup> and arsenic-free display glass.

### Meet your monitor's new best friend

Customize your workspace with resizable screen partitions. Work in documents, spreadsheets, and email in separate regions of the screen—at the same time—with HP Display Assistant software.

View open applications on all of your connected displays with the expanded toolbar. Help deter theft with a user-designated PIN that deactivates the monitor if it's disconnected from a PC without approval.

### Breathe easy

Rest assured that your IT investment is supported by a standard, three-year limited warranty. Select optional HP Care Pack Services<sup>6</sup> to extend your protection up to 5 years.

# HP Z23i 23-inch IPS Display

<b>Part number</b>	D7Q13A4
<b>Panel type</b>	IPS Gen 2, LED Backlit
<b>Viewable image area</b>	58,42 cm (23 in) widescreen; diagonally measured
<b>Viewing angle</b>	<b>Horizontal:</b> 178 degrees; <b>Vertical:</b> 178 degrees
<b>Brightness<sup>7</sup></b>	250cd/m <sup>2</sup>
<b>Contrast ratio<sup>7</sup></b>	<b>Static:</b> 1000:1; <b>Dynamic:</b> 5,000,000:1
<b>Response rate<sup>7</sup></b>	8 ms gray to gray
<b>Frequency</b>	<b>Horizontal:</b> 24 KHz-94 KHz; <b>Vertical:</b> 50 Hz-76 Hz
<b>Aspect ratio</b>	16:9
<b>Native resolution</b>	1920 x 1080 @ 60 Hz
<b>Resolutions supported</b>	640 x 480 @ 60 Hz, 720 x 400 @ 60 Hz, 800 x 600 @ 60 Hz, 1024 x 768 @ 60 Hz, 1280 x 720 @ 60 Hz, 1280 x 1024 @ 60 Hz, 1440 x 900 @ 60 Hz, 1600 x 900 @ 60 Hz, 1680 x 1050 @ 60 Hz, 1920 x 1080 @ 60 Hz
<b>Input signal</b>	DisplayPort, DVI-D, VGA (analog) (HDCP support on DVI-D and DisplayPort)
<b>USB</b>	Integrated USB 2.0 hub with (1) Upstream and (2) Downstream ports
<b>User controls</b>	Menu, Minus ("-"), Plus ("+") /Input Control, OK/Auto, Power
<b>Power consumption</b>	<b>ENERGY STAR<sup>®</sup>:</b> 22 W; <b>Default:</b> 28 W; <b>Maximum:</b> 36 W; <b>Sleep:</b> 0.5W
<b>Dimensions</b> (w x d x h)	<b>Unpacked:</b> 54,4 x 24,29 x 46,99 cm (21.4 x 9.5 x 18.5 in) <b>Head only:</b> 54,4 x 5,1 x 32,9 cm (20.05 x 2.01 x 12.17 in)
<b>Weight</b>	<b>Unpacked:</b> 6,4 kg (14.1 lb); <b>Head only:</b> 4,19 kg (9.23 lb); <b>Packaged:</b> 8,4 kg (18.52 lb)
<b>Base features</b>	<b>Tilt:</b> -5° to +30°; <b>Swivel:</b> 360°; <b>Height Adjustable:</b> 150 mm; <b>Pivot Rotation:</b> 90°
<b>Environmental</b>	<b>Operating:</b> 5° to 35° C (41° to 95° F); <b>Non-operating:</b> -20° to 60° C (-4° to 140° F)
<b>Accessories<sup>8</sup></b> (sold separately)	<p><b>HP Adjustable Dual Display Stand</b> - Premium space-saving dual screen solution provides access to more monitor real estate and makes it possible to manage multiple applications simultaneously. Weight adjustable for dual monitors from 17-24". Rotate displays into portrait/landscape positions. Part Number AW664AA.</p> <p><b>HP LCD Speaker Bar</b> - Powered directly by the connected PC, seamlessly attaches to the monitor's bezel to bring full multimedia support to select HP LCD monitors; features dual speakers with full sound range and two external jacks for headphones. Part number NQ576AA.</p> <p><b>HP USB Graphics Adapter</b> - Enables connection of up to six simultaneous displays. 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. Part number NL571AA.</p> <p><b>HP Business PC Security Lock Kit</b> - Attaches to the rear of the PC with a six-foot steel cable that can be used to secure a PC or peripherals such as mice, keyboards, monitors or USB security devices to protect them against unauthorized removal by physically connecting the system to an anchor point. Part number PV606AA.</p> <p><b>HP LCD Monitor Quick Release<sup>9</sup></b> - An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach an LCD monitor to a variety of stands, brackets, arms or wall mounts. Part number EM870AA.</p> <p><b>HP Single Monitor Arm</b> - Provides a seemingly endless range of display adjustments with an amazing 13 inches of lift, 50 degrees of tilt, and 360 degrees of pan and rotation. Part number BT861AA.</p> <p><b>HP Integrated Work Center 2 - Small Form Factor (SFF)</b> - Designed specifically for use with the HP Compaq Small Form Factor (SFF) Desktop PC and a 17 to 24-inch (43.18 to 60.96 cm) diagonal monitor, it provides a portable, compact workspace to help maximize space-constrained work environments. (17 to 24-inch diagonal monitors need to meet supported weight limits of 7.5 to 12.1 lbs. (3.38 to 5.5 kg). Part number QP897AA.</p>
<b>Certification and compliance</b>	CB, CE, CEL Grade 1, TUV, GS, TCO, GOST, CUL, FCC, E-Star 5.0, CSA, NOM, S-Mark, VCCI, MIC, PSB, ISC, CCC, BSMI, C-Tick, ICES, Microsoft WHQL Certification (Windows 8 and Windows 7), ENERGY STAR <sup>®</sup> Qualified, EPEAT <sup>®</sup> Gold <sup>3</sup> (select regions), TCO Edge Certified
<b>Limited warranty</b>	Protected by HP, including a 3 year standard limited warranty. Optional HP Care Pack Services <sup>6</sup> are extended service contracts that extend your protection beyond the standard warranties. <sup>6</sup>

1. Comparison is to IPS Gen 1 panels.

2. High-definition (HD) content required to view HD images.

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

4. EPEAT<sup>®</sup> Gold registered models of this product are available where HP registers commercial display products. See [www.epeat.net](http://www.epeat.net) for registration status in your country.

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

6. 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.

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

8. Each accessory and mounting hardware is sold separately.

9. The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) for all devices mounted. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). HP recommends that you consult with a qualified engineering, architectural or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.

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