

HP DreamColor Z24x Display



The display of your dreams at an unbelievable price.

Enjoy pure, consistent color accuracy from design to production with push-button color space selection and easy color calibration on the amazingly affordable HP DreamColor Z24x Display.



Turn on your creativity with a premium display.

- Bring your dreams to life with a 61 cm (24") diagonal DreamColor panel that produces up to a billion colors from a massive color gamut covering 99% of Adobe® RGB.

The power tool for your color workflow.

- Experience push-button color space selection as the HP DreamColor Engine 2 powers through your content with a bit depth of 10 bit (8+2 FRC).¹

Easy color customization at your fingertips.

- Use the optional HP DreamColor Calibration Solution² to recalibrate any preset or create your own color space.
- Get pro-class color quality with digital cinema-class gamuts and great views from anywhere in the room with wide-angle IPS.
- Enjoy a bit depth of 10 bit (8+2 FRC)¹ that produces 1,024 gray levels per channel—twice that of standard displays—and up to a billion colors, all driven by the HP DreamColor Engine 2.
- Create your own custom color space and calibrate any of the five color space presets—sRGB, Adobe® RGB, BT.709, User and Native—with the optional HP DreamColor Calibration Solution.²
- Eliminate distractions and accelerate productivity in low-light environments with the HP Night Vision UI's auto-fade button backlights and four programmable hotkeys.
- Connect your display to a PC, workstation, and range of digital video devices with DVI, DisplayPort, and HDMI inputs and a 4-port USB hub.
- Find your most comfortable position with adjustable height, swivel, and tilt settings. Pivot the display into portrait mode when working in long documents or vertical designs, or use in a dual-screen setup.
- Create a clean, compact all-in-one with the optional HP Thin Client Mount Kit² that combines a display and thin client.
- Reduce power consumption and help lower your costs with IPS Gen 2 technology in an energy-efficient design.
- Rest assured that your IT investment is supported by a three-year standard limited warranty. Select optional HP Care Pack Services³ to extend your protection up to 5 years.

HP DreamColor Z24x Display Specifications Table



| | |
|---|---|
| Product Number | E9Q82A4; E9Q82AT |
| Product Color | Black |
| Display size (diagonal) | 61 cm (24") |
| Viewing Angle | 178° horizontal; 178° vertical |
| Brightness | 350 cd/m ² |
| Contrast Ratio | 1000:1 static; 5000000:1 dynamic ¹ |
| Response Ratio | 20 ms on/off; 6 ms gray to gray ¹ |
| Aspect Ratio | 16:10 |
| Native Resolution | 1920 x 1200 |
| Resolutions Supported | 1920 x 1200; 1680 x 1050; 1600 x 1200; 1440 x 900; 1280 x 1024; 1280 x 960; 1280 x 720; 1024 x 768; 800 x 600; 640 x 480 |
| Display Features | Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls; LED Backlights; In plane switching |
| User Controls | Power; Back; Up (adjusts the settings up); Down (adjusts the settings down); OK; Exit |
| Input signal | 1 DVI-D (with HDCP support); 1 HDMI (with HDCP support); 1 DisplayPort 1.2 in (with HDCP support); 1 DisplayPort 1.2 out (with HDCP support) |
| Ports and Connectors | 5 USB 3.0 (one upstream, four downstream); 2 DreamColor ports; 1 analog audio output |
| Input power | Input voltage: 100 to 240 VAC |
| Power consumption | Energy Efficiency Class: C; On-mode power consumption: 47 W; Annual energy consumption: 69 kWh; Power consumption (standby): 0,33 W; Power consumption (off-mode): 0,30 W; Power consumption Description: 84 W (maximum), 58 W (typical), > 0.5 W (standby); Screen resolution: 1920 x 1200 |
| Dimensions with Stand (W x D x H) | 55.94 x 23.8 x 52.5 cm |
| Dimensions without Stand (W x D x H) | 55.94 x 6.65 x 36.5 cm |
| Weight | 6.98 kg |
| Ergonomic features | Tilt: -5 to +20°; Swivel: ±45°; Pivot rotation: 90° |
| Certification and Compliance | TCO Certified; CEL Grade 1; Microsoft WHQL Certification (Windows 8 and Windows 7); FCC; CE; UL; TCO 6.0; TUV-GS; TUVKC-Ergonomics; WEEE; RoHS; C-Tick; S-Mark for Argentina; VCCI; CECP; CCC; PSB for Singapore; EAC(Russia); NOM (Mexico); UKRAINE |
| Environmental | Arsenic-free display glass; Mercury-free display backlights; Low halogen ² |
| Energy Efficiency Compliance | ENERGY STAR® certified |
| What's in the box | Monitor with stand; AC power cord; USB cable; DisplayPort 1.2 cable; DVI-D cable; DVD documentation kit; Factory calibration report |
| Warranty | 3-years limited warranty including 3 years of parts and labour. Certain restrictions and exclusions apply. |

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Accessories and services (not included)

HP DreamColor Calibration Solution



The HP DreamColor Calibration System (DCS) is an LCD monitor option designed for professional users who require precision color accuracy in their work output. It allows users to quickly and accurately calibrate monitor front-of-screen settings to prevent any drift of critical monitor color or whitepoint settings.

Product number: B1F63AA

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 Thin Client Mount Kit



Attach your HP Thin Client or USDT PC to the back of select HP Z Displays and maintain optimal ergonomic adjustability with the HP Thin Client Mount Kit.¹

Product number: E5J35AA

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-inch¹ (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 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.¹

Product number: F2P06AA

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

5-year Next Business Day Onsite

HP Care Pack: 5-year Next Business Day Onsite

Product number: U7935E



Learn more at
www.hp.eu/hpoptions

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Messaging Footnotes

¹ FRC = Frame Rate Control, which uses spatial/temporal dithering to increase perceived bit depth.

³ 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 for details.

Technical specifications disclaimers

¹ All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

² External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

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4AA5-1694EEE, August 2015

