



# HP DreamColor Z24x Display

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 24-inch 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).<sup>1</sup>

## Easy color customization at your fingertips.

- Use the optional HP DreamColor Calibration Solution<sup>2</sup> to recalibrate any preset or create your own color space.

## Featuring

- 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)<sup>1</sup> 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.<sup>2</sup>
- 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 Kit<sup>3</sup> that combines a display and thin client.
- 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.
- Rest assured that your IT investment is supported by a three-year standard limited warranty. Select an optional HP Care service<sup>4</sup> to extend your protection up to 5 years.

## HP DreamColor Z24x Display Specifications Table



<b>Display Size (diagonal)</b>	24"
<b>Viewing Angle</b>	178° horizontal; 178° vertical
<b>Brightness</b>	350 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>	20 ms on/off; 6 ms gray to gray <sup>1</sup>
<b>Product colour</b>	Black
<b>Aspect Ratio</b>	16:10
<b>Native Resolution</b>	1920 x 1200
<b>Resolutions Supported</b>	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
<b>Display Features</b>	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls; LED Backlights; In plane switching
<b>User Controls</b>	Power; Back; Up (adjusts the settings up); Down (adjusts the settings down); OK; Exit
<b>Input Signal</b>	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)
<b>Ports and Connectors</b>	5 USB 3.0 (one upstream, four downstream); 2 DreamColor ports; 1 analog audio output
<b>Input Power</b>	Input voltage: 100 to 240 VAC
<b>Power Consumption</b>	84 W (maximum), 58 W (typical), > 0.5 W (standby)
<b>Dimensions with Stand (W x D x H)</b>	55.94 x 23.8 x 52.5 cm
<b>Dimensions without Stand (W x D x H)</b>	55.94 x 6.65 x 36.5 cm
<b>Weight</b>	6.98 kg With stand
<b>Ergonomic Features</b>	Tilt: -5 to +20°; Swivel: ±45°; Pivot rotation: 90°
<b>Physical security features</b>	Security lock ready
<b>Environmental</b>	Operating temperature: 5 to 35°C Operating humidity: 20 to 80% RH
<b>Certification and compliance</b>	CEL Grade 1; Microsoft WHQL Certification (Windows 8 and Windows 7); FCC; CE; UL; TUV-GS; TUVKC-Ergonomics; WEEE; RoHS; C-Tick; S-Mark for Argentina; VCCI; CECP; CCC; PSB for Singapore; EAC(Russia); NOM (Mexico); UKRAINE
<b>Environmental Specifications</b>	Arsenic-free display glass; Mercury-free display backlights; Low halogen <sup>2</sup>
<b>What's in the box</b>	Monitor with stand; AC power cord; USB cable; DisplayPort 1.2 cable; DVI-D cable; DVD documentation kit; Factory calibration report
<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> .

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## Recommended Accessories and Services

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### 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 LCD Hood Kit



The HP LCD-Hood Kit is a monitor option designed to block the glare from overhead lighting. The hood helps to improve the color and contrast performance of the monitor in a room with bright overhead lights.

**Product number: KZ301AA**

### HP 5-year Next Business Day Onsite Large Monitor Hardware Support



Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc).

**Product number: U7937E**

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## Messaging Footnotes

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

<sup>2</sup> Sold separately.

<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> 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 Footnotes

<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.

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