

# HP DreamColor Z27x Professional Display



Work in brilliant, trusted color and bring your ideas to life with the HP DreamColor Z27x Professional Display, featuring HP's unrivaled integrated calibration engine, 4K<sup>1</sup> input support, and 10-bit color that drives up to 1.07 billion onscreen colors.



### **Astonishing performance for the color professional**

Consistently deliver rich, accurate colors and ultra-deep blacks with HP's custom-engineered 27-inch diagonal DreamColor panel. Get massive 2560 x 1440 resolution and crisp, clear presentation from 1000:1 contrast ratio and high brightness.<sup>2</sup>

### **The power tool for your color workflow**

Experience up to 1.07 billion colors with 1,024 tones per channel as the HP DreamColor Engine 2 powers through your 4K content<sup>1</sup> with 10-bit color accuracy and easily handles today's most demanding professional workflows.

### **Color customization at your fingertips**

Create your own color space with the integrated calibration engine. Enjoy seamless compatibility with a range of professional color measurement devices, including the optional HP DreamColor Calibration Solution.<sup>3</sup>

## Datasheet

# HP DreamColor Z27x Professional Display



<b>Display size (diagonal)</b>	27"
<b>Viewable image area</b>	178° horizontal; 178° vertical
<b>Brightness</b>	48 to 250 cd/m <sup>2</sup> calibrated <sup>1</sup>
<b>Contrast ratio</b>	800:1 static <sup>1</sup>
<b>Response rate</b>	12 ms gray to gray <sup>1</sup>
<b>Product colour</b>	Black
<b>Native resolution</b>	2560 x 1440
<b>Resolution supported</b>	4096 x 2160; 3840 x 2160; 2560 x 1600; 2560 x 1440; 2048 x 1080; 1920 x 1200; 1920 x 1080; 1600 x 1200; 1366 x 768; 1280 x 1024; 1280 x 720; 1024 x 768; 800 x 600; 720 x 576; 720 x 480; 640 x 480
<b>Aspect Ratio</b>	16:9
<b>Display Features</b>	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls; LED Backlights; In plane switching; Pivot rotation
<b>Input signal</b>	1 DisplayPort 1.2 (with HDCP support); 1 DisplayPort 1.1 (with HDCP support); 1 HDMI 1.4 (with HDCP support)
<b>Ports and Connectors</b>	4 USB 3.0 (two side and two rear); 2 USB 2.0 DreamColor ports; 1 analog and digital audio output
<b>User Controls</b>	Back; Up (adjusts the settings up); Down (adjusts the settings down); Select; Menu; Power
<b>Input power</b>	Input voltage: 90 to 265 VAC
<b>Power consumption</b>	110 W (maximum), 65 W (typical), ≤ 1.2 W (standby)
<b>Dimensions</b>	with stand: 64.1 x 24.24 x 42.04 cm without stand: 64.1 x 6.55 x 37.92 cm
<b>Weight</b>	8.8 kg
<b>Ergonomic features</b>	Tilt: -5 to +20°; Swivel: ±45°
<b>Physical security features</b>	Security lock-ready
<b>Environmental</b>	Operating temperature: 5 to 35°C Operating humidity: 20 to 80% RH
<b>Energy Efficiency Compliance</b>	ENERGY STAR® qualified
<b>Certification and compliance</b>	BSMI; CB; CCC; CE; CEL; EPA; FCC; ICE; ISC; KC; KCC; Microsoft WHQL Certification (Windows 8 and Windows 7); NOM; PSB; SEPA; TUV-S; VCCI; CEL Grade 2; TCO Certified Arsenic-free display glass; Mercury-free display backlights; Low halogen <sup>2</sup>
<b>What's in the box</b>	Monitor; AC power cord; USB cable; DisplayPort cable; HDMI cable; DisplayPort mini cable; Audio 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/cp](http://www.hp.com/go/cp).

**Product number: U7937E**

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## Footnotes

<sup>1</sup> 4K content required to view 4K resolution.

<sup>2</sup> All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<sup>3</sup> Sold separately.

## 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.

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