

# HP DreamColor Z27x Studio Display



Work in brilliant, trusted color and bring your ideas to life with the HP DreamColor Z27x Studio 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 × 1440 resolution and crisp, clear presentation from 1000:1 typical, 800:1 minimum 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>
- Deep, rich CRT-class blacks at any angle with custom-engineered, advanced Off-Axis Black and second-generation IPS technologies. 99% coverage of DCI-P3 and 100% coverage of sRGB and Adobe RGB.
- 10-bit color, 1,024 gray levels per channel and up to 1.07 billion onscreen colors with the HP DreamColor Engine <sup>2</sup>.
- Instant push-button color accuracy with 7 color space presets. The integrated calibration engine recalibrates with a professional color measurement device or the HP DreamColor Calibration Solution.<sup>3</sup>
- Input resolutions up to 4K<sup>1</sup>



## HP DreamColor Z27x Studio Display Specifications Table



<b>Product Number</b>	D7R00A4
<b>Display Size (diagonal)</b>	27"
<b>Viewing Angle</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 Time</b>	7 ms gray to gray <sup>1</sup>
<b>Aspect Ratio</b>	16:9
<b>Native Resolution</b>	2560 x 1440
<b>Resolutions 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>Display Features</b>	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls; LED Backlights; In plane switching
<b>User Controls</b>	Back; Up (adjusts the settings up); Down (adjusts the settings down); Select; Menu; Power
<b>Input Signal</b>	1 HDMI 1.4 (with HDCP support); 2 DisplayPort 1.2 (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>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 with Stand (W x D x H)</b>	25.24 x 9.55 x 15.55 in 64.1 x 24.24 x 42.04 cm
<b>Dimensions without Stand (W x D x H)</b>	25.24 x 2.58 x 14.93 in 64.1 x 6.55 x 37.92 cm
<b>Weight</b>	19.4 lb 8.8 kg With stand
<b>Ergonomic Features</b>	Tilt: -5 to +20°; Swivel: ±45°; Pivot rotation: 90°
<b>Environmental</b>	Arsenic-free display glass; Mercury-free display backlights; Low halogen <sup>2</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR® qualified; EPEAT® Gold
<b>Expandable Solutions</b>	Dreamcolor
<b>What's in the box</b>	Monitor; AC power cord; DisplayPort cable; USB cable; HDMI cable; DisplayPort mini 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> . 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.

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## Accessories and services (not included)

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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**

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### HP LCD Speaker Bar



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

**Product number: NQ576AA**

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### 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.<sup>1</sup>

**Product number: E5J35AA**

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### HP HD141 Hood Kit for Z27x



Customize your HP DreamColor workspace. Create an ideal lighting environment for your HP Z27x DreamColor Display with the HP HD141 Hood Kit for Z27x.

**Product number: G0M47AA**

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## Messaging 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.

<sup>4</sup> Scale to full frame with DCI aperture management or display 1:1 with pan and zoom.

<sup>5</sup> Internet access required and sold separately.

## 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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