# 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

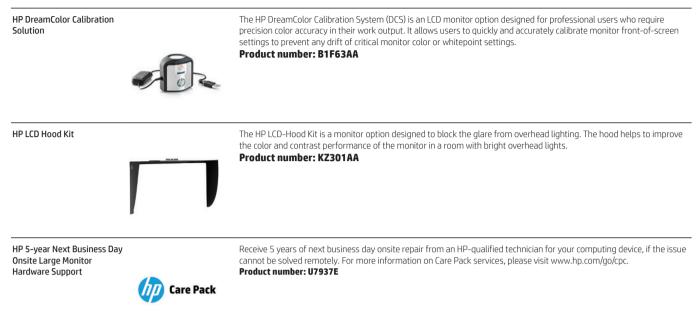
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Display size (diagonal)	27"
Viewable image area	178° horizontal; 178° vertical
Brightness	48 to 250 cd/m <sup>2</sup> calibrated <sup>1</sup>
Contrast ratio	800:1 static <sup>1</sup>
Response rate	12 ms gray to gray <sup>1</sup>
Product colour	Black
Native resolution	2560 x 1440
Resolution supported	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
Aspect Ratio	16:9
Display Features	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls; LED Backlights; In plane switching; Pivot rotation
Input signal	1 DisplayPort 1.2 (with HDCP support); 1 DisplayPort 1.1 (with HDCP support); 1 HDMI 1.4 (with HDCP support)
Ports and Connectors	4 USB 3.0 (two side and two rear); 2 USB 2.0 DreamColor ports; 1 analog and digital audio output
User Controls	Back; Up (adjusts the settings up); Down (adjusts the settings down); Select; Menu; Power
Input power	Input voltage: 90 to 265 VAC
Power consumption	110 W (maximum), 65 W (typical), ≤ 1.2 W (standby)
Dimensions	with stand: 64.1 x 24.24 x 42.04 cm without stand: 64.1 x 6.55 x 37.92 cm
Weight	8.8 kg
Ergonomic features	Tilt: -5 to +20°; Swivel: ±45°
Physical security features	Security lock-ready
Environmental	Operating temperature: 5 to 35°C Operating humidity: 20 to 80% RH
Energy Efficiency Compliance	ENERGY STAR <sup>®</sup> qualified
Certification and compliance	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>
What's in the box	Monitor; AC power cord; USB cable; DisplayPort cable; HDMI cable; DisplayPort mini cable; Audio cable; DVD documentation kit; Factory calibration report
Warranty	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 www.hp.com/go/cpc.

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### Recommended Accessories and Services



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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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