

Datasheet

HP DreamColor Z24x G2 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 61 cm (24") diagonal HP DreamColor Z24x G2 Display.



Bring your vision to life with HP DreamColor technology

- Get a wide array of digital cinema-class color gamuts, including 100% coverage of sRGB and BT.709 and 99% of Adobe® RGB, and great on-and off-axis views from the wide-angle HP DreamColor panel.

Accurate color calibration to meet your exact needs

- Experience color accuracy between each of your HP DreamColor displays. Calibrate any of the four color space presets—sRGB, Adobe® RGB, BT.709, and User—or create your own custom color space with HP DreamColor Calibration Software.¹

Smooth color transitions

- Achieve minimal banding across your project's color gradients with a bit depth of 10 bits² that produces 1,024 gray levels per channel and up to a billion colors.

Featuring

- Be an environmentally responsible consumer with an ENERGY STAR® certified, low halogen display that has arsenic-free glass and mercury-free backlights.
- Minimize distractions onscreen with flicker-free image presentation and on the bezel with HP Night Vision UI's auto-fade button backlights that relight with a touch.
- Streamline your workspace with the optional HP PC Mounting Bracket for Monitors, which lets you mount powerful machines like the HP Z2 Mini Workstation directly behind the display.

HP DreamColor Z24x G2 Display Specifications Table



Product Color	Black
Display size (diagonal)	60.96 cm (24")
Display Type	IPS w/LED backlight
Panel Active Area	52 x 32.56 cm;
Viewing Angle	178° horizontal; 178° vertical
Brightness	350 cd/m ²
Contrast Ratio	1000:1 static; 5000000:1 dynamic ¹
Response Ratio	6 ms gray to gray ¹
Aspect Ratio	16:10
Native Resolution	WUXGA (1920 x 1200 @ 60 Hz)
Resolutions Supported	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 960; 1440 x 900; 1600 x 1200; 1680 x 1050; 1920 x 1080; 1920 x 1200; 640 x 480; 800 x 600
Display Features	Anti-glare; BrightView Panel; In plane switching; Language selection; LED Backlights; On-screen controls; Pivot rotation; Plug and Play; User programmable; Anti-static
User Controls	Menu; Color Control; Input Control; Luminance; Information; Video Control; PIP Control; Language; Management; Factory Reset
Input signal	2 DisplayPort™ 1.2; 1 HDMI 1.4; 1 DVI-D with HDCP support
Ports and Connectors	5 USB 3.0 (one upstream, four downstream) ¹
Input power	Input voltage: 90 to 265 VAC
Power consumption	Panel Active Area: 52 x 32.56 cm; On-mode power consumption: 29 W; Annual energy consumption: 43 kWh; Power consumption (standby): 0.29 W; Power consumption (off-mode): 0.27 W; Power consumption Description: 54.18 W (maximum), 13.5 W (typical), 0.5 W (standby); Screen resolution: WUXGA (1920 x 1200 @ 60 Hz)
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 (With stand)
Ergonomic features	Tilt: -5 to +20°; Swivel: ±45°; Pivot rotation: 90°; Height: 120 mm
Multimedia	Audio output connector
Environmental	Arsenic-free display glass; Mercury-free display backlights; Low halogen
Energy Efficiency Compliance	ENERGY STAR® certified
What's in the box	Monitor; AC power cord; DVI-D cable; DisplayPort™ 1.2 cable; USB cable
Warranty	5 years Next Business Day Onsite Support. HP support includes HP 3-year limited warranty plus a 5-year HP Onsite Care Pack support, as of date of purchase of the hardware product. Onsite support is offered if the problem cannot be handled over the phone. Delivery of support services outside of the applicable HP coverage areas may be subject to longer response times.

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Accessories and services (not included)

HP Single Monitor Arm



The HP Single Monitor Arm is the perfect desk accessory for your work life. Sleek and streamlined, the HP Single Monitor Arm is designed to complement the way you work.

Product number: BT861AA

HP Quick Release



A secure and easy-to-use mounting solution for your VESA-compliant HP thin clients, compatible HP flat panel monitors and other HP desktop products. Attach to any a compatible stand, bracket or wall mount and make the most of your workspace.

Product number: EM870AA

HP Integrated Work Center for Desktop Mini and Thin Client



Make the most of small work spaces with an HP IWC Desktop Mini/Thin Client that lets you create a compact desktop solution by combining a display¹ with an HP Desktop Mini, HP Thin Client or HP Chromebox¹ and giving you convenient front access to all of its inputs.

Product number: G1V61AA

HP UHD USB Graphics Adapter



Boost your productivity by extending or mirroring your desktop to a UHD display with the HP UHD USB Graphics Adapter.

Product number: N2U81AA

HP Business PC Security Lock v2 Kit



Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the HP Business PC Security Lock v2 Kit.

Product number: N3R93AA

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Messaging Footnotes

¹ HP DreamColor Calibration Software is included with the display, available for download from www.hp.com, and requires a third-party calibration instrument, sold separately.

² 8+2 Frame Rate Control, which uses spatial/temporal dithering to increase perceived bit depth.

³ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

⁵ Sold separately. See product QuickSpecs for exact device compatibility.

Technical specifications disclaimers

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

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