Billion-color accuracy—from vision through production

HP DreamColor LP2480zx Professional LCD Display

Are you ready to replace your outdated CRTs and mainstream LCDs with a color-critical LCD that exceeds CRT performance standards? Developed in close collaboration with DreamWorks Animation, the HP DreamColor LP2480zx Professional LCD Display is the world's only color-critical LCD based on HP DreamColor Engine technology.

This uniquely affordable monitor delivers broad color support, rich visual quality, and consistent presentation results on a 24-inch diagonal wideaspect screen. Now, you can create real-world color that is truly accurate, radically predictable, and set-it-and-forget-it simple.

Billion-color possibilities
Innovative 30-bit LCD panel technology supports over one billion active colors—64 times the colors supported by traditional LCDs for virtual elimination of banding or contouring artifacts; super IPS panel technology; best-in-class off-axis performance including ultra low chrominance shift and contrast degradation; tearing-free film and 50/60 Hz video playback

Breakthrough color control
Work with deeper colors, CRT-class black, and programmable white; set the white point precisely with the RGB LED backlight; share projects and match the toughest colors; improve content collaboration across the hall or the world with exact-color certainty

Vision-to-production precision
Choose these factory calibrated these color spaces with the touch of a button: sRGB, Adobe RGB, SMPTE-C, Rec. 709, and DCI-P3 emulation; use the optional HP DreamColor Advanced Profiling Solution to create your own color space by defining the primaries, gamma, white point, and luminance (includes colorimeter and software); HP Night Vision user interface with on screen button tags and auto-fade backlit bezel buttons for easy control in bright and dark work environments

Performance-class features
HP Performance series monitor features include: DisplayPort 1.1, HDMI 1.3, (2) DVI-I, analog, component, S-video, and composite inputs, and HDCP support for protected content; customizable tilt, swivel, height adjustment, and pivot rotation so you can work comfortably; built-in 4-port USB hub

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Type	Wide-Aspect Screen; Anti-glare and anti-static coatings
Picture tube	24 inches widescreen
Viewable image area	24 inches diagonal
Viewing angle	178°
Brightness	from 0.05 nits to 250 nits
Contrast ratio	1000:1
Response rate	12 ms (rise+fall, full black-to-white-to-black); 6 ms (gray to gray)
Dot/Pixel pitch	0.270 mm
Colour depth support	Over 1 billion colors in native mode
Frequency	Horizontal frequency: 24-80 kHz, Vertical frequency: 47-61 Hz
Resolution	1920 x 1200 pixels (native), all VESA or CVT modes up to 2048 x 1200 @ 48 Hz and 60 Hz
Input signal	DVI-I (2), DisplayPort 1.1, HDMI 1.3, Component (YPbPr), S-Video, Composite
Video cable	VGA to DVI-I, DVI-D to DVI-I, DisplayPort, HDMI, USB, cables included
User controls (on-screen display)	Color Space, Brightness, Color Temp, Reset to Factory Cal., Reset to Last, Black Level, Overdrive, Custom Scaling, Crop (L-C-R), PIP Control, Auto Adjust, H Position, V Position, Clock, Clock Phase, Hue, Saturation, Language, Intuitive OSD supporting key features of monitor
Base features	Tilt range: -5° to + 35° vertical tilt, swivel range: -45° to +45°, height adjust: 100 mm, pivot rotation
Self powered USB 2.0 hub	USB 2.0 Hub: self-powered, four ports (cable included)
Software	HP Display Assistant is a software utility that enables theft deterrence and allows monitor adjustment, color calibration, and security/asset management using the Display Data Channel Command Interface (DDC/CI) protocol of the connected PC HP Display LiteSaver allows you to schedule Sleep mode at preset times to help protect the monitor against image retention, drastically lower power consumption and energy costs, and extend the lifespan of the monitor
Power consumption	90 watts maximum, 42 watts typical
Power supply	100 to 240 VAC, 50 to 60 Hz
Power Consumption, Standby	3 watts
Dimensions (W x D x H)	56.5 x 9.8 x 37.5 cm
Weight	12.5 kg
Certifications, compliances	TCO'99, ISO 13406-2 VDT Guidelines Approval, CISPR Requirements, VCCI Approvals, MIC (Korean) Requirements, CSA, Australian ACA Approval, "GS" Mark, TUV Approvals, CE Marking, FCC Approval, Microsoft® Windows® Certification (Microsoft® Windows® 98, Microsoft Windows 2000, Microsoft Windows XP, and Windows Vista® Premium)
Warranty	Limited 3 years parts, labour and on-site service, including backlight. Availability varies by region. Certain restrictions and exclusions apply. For details, contact HP Customer Support or Service

For more information, please visit www.hp.com/eur/monitors

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Recommended accessories

HP Flat Panel Speaker Bar

Attach seamlessly to the front bezel of your monitor to add full multimedia support features, including stereo speakers with full sound range and an external jack for headphones.

Product number: EE418AA

HP Kensington Security Lock

Peace of mind in an instant. This handy cable lock device attaches itself to your hardware and is then secured to an anchor point in your workspace, ensuring your hardware remains exactly where it should.

Product number: PC766A