HP DreamColor Z31x Studio Display

Designed for the world's elite color professionals, the award-winning HP DreamColor Technology brings the industry's boldest visions to life. Captivate with Cinema 4K resolution, an expansive color gamut for remarkably vivid colors, integrated colorimeter and custom-tailored management tools.

And the award goes to...

- The display that walked the red carpet. The HP DreamColor Technology won the 2015 Scientific and Engineering Award from the Academy of Motion Picture Arts and Sciences.[1] Experience theater-quality color from HP's most precise display yet.

More time creating. Less time calibrating.

- Maintain accurate color with a pop-up sensor that calibrates on demand or on a regular schedule. No longer wonder if your color is correct–it just is.

Designed by pros. For pros.

- HP worked with leading visual effects and animation studios to create customized solutions for the optimal design process. Speed projects to completion with True 2K, onscreen markers and keyboard-based input switching between your devices.

HP DreamColor Z31x Studio Display Specifications Table

Product Number	Z4Y82A4
Display Size (diagonal)	79 cm (31.1")
Viewing Angle	178° horizontal; 178° vertical
Brightness	250 cd/m² [1,3]
Contrast Ratio	1500:1 static [1]
Response Time	10 ms on/off [1]
Aspect Ratio	17:9
Native Resolution	Cinema 4K (4096 x 2160 @ 60 Hz)
Resolutions Supported	4096 x 2160; 3840 x 2160; 2048 x 2160; 2560 x 1440; 2048 x 1080; 1920 x 1080; 1366 x 768; 1280 x 1024; 1280 x 720; 1024 x 768; 800 x 600; 720 x 400; 640 x 480; Native sync for all resolutions at 60 Hz, 50Hz, or 48 Hz
Bit Depth	True 10-bit
Supported Gamut	100% of sRGB, 100% of BT.709, 100% of AdobeRGB, 99% of DCI-P3, 80% of BT.2020
Display Features	Integrated colorimeter, Integrated KVM switch, Preset and customizable on-screen markers, User presets, Remote management, Customizable on-screen controls, Real IPS, Anti-glare
Input Signal	2 DisplayPort™ 1.2; 2 HDMI 2.0; 1 USB Type-C (DisplayPort™ Alt Mode)
Ports and Connectors	1 USB 3.0 Type-B (upstream); 1 USB Type-C™ (DisplayPort™ 1.2, power delivery up to 60 W[2]); 4 USB 3.0 (downstream, two side and two rear) [1]
Input Power	Input voltage: 100 to 240 VAC
Power Consumption	260 W (maximum), 120 W (typical), 0.5 W (standby)
Dimensions with Stand (W x D x H)	29.05 x 9.76 x 22.28 in 73.8 x 24.8 x 56.6 cm
Dimensions without Stand (W x D x H)	29.05 x 3.25 x 16.3 in 73.80 x 8.26 x 41.41 cm Without stand
Weight	33 lb 15 kg With stand
Ergonomic Features	Tilt: -5 to +30°; Swivel: ±45°; Height Range: 144 mm
Environmental	Arsenic-free display glass; Mercury-free display backlights
What´s in the box	AC power cable; CD with User Guide, warranty, drivers; DisplayPort™ 1.2 cable; HDMI cable; Monitor; USB cable (Type A male to Type B male); USB Type-C™ cable; USB Type-C™ to A cable

See important legal notifications on the last page

Accessories and services (not included)

HP Business PC Security Lock Kit		Protect your HP Business PC from tampering or theft in public locations by locking-down peripherals such as keyboards, mice, monitors or USB security devices and preventing the removal of the PC chassis cover. **Product number: PV606AA**
HP DisplayPort Cable Kit		Connects a DisplayPort connector on an HP Business Desktop computer to a DisplayPort connector on a monitor. **Product number: VN567AA**
HP B500 PC Mounting Bracket		Maximize your available work area with a single-footprint solution. Simply attach the bracket to the back of your display, and your PC platform to the bracket via the 100mm VESA pattern. It's that easy! **Product number: 2DW52AA**

Messaging Footnotes

[1] The 2015 Scientific and Engineering Award from the Academy of Motion Picture Arts and Sciences went to John Frederick, Bob Myers, Karle Rasche and Tom Lianza for the development of the HP DreamColor LP2480zx Professional Display. This cost-effect display offered a stable, wide color gamut, allowing facility-wide adoption in feature animation and visual effects studios.

Technical Specifications Footnotes

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

[2] See product QuickSpecs for exact specifications.

[3] HP applied uniformity compensation to each Z31x display, which brings the typical uniform peak luminance down to 250 cd/m² from a 350 cd/m² native peak brightness. Display supports luminance calibration up to 250 cd/m², reserving any luminance headroom for panel aging compensation.

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