

Datasheet

HP DreamColor Z32x 80,01 cm (31.5") UHD 4K Display



The biggest HP DreamColor display ever.

Go big or go home with the HP DreamColor Z32x 80,01 cm (31.5") UHD Display, HP's largest UHD 4K display, which delivers a staggering 8 million pixels and 4K resolution and has award-winning HP DreamColor technology built right in.



Admire every detail.

- Explore your creativity with 8 million pixels and 4K resolution—four times that of a traditional Full HD display—on an extra-large 80,01 cm (31.5") diagonal screen.¹

Color as only HP DreamColor can do it.

- Get exceptional, consistent 10-bit color precision and out-of-the-box, color-calibrated sRGB, BT709, and Adobe® RGB coverage from HP DreamColor technology. Use the HP DreamColor Calibration Kit² or your choice of tool for precise color adjustments.

Boost your productivity.

- Connect to an array of your everyday devices right at the display with HDMI, mDP, DP, MHL³, and a USB 3.0 hub with a fast-charging port. View up to four simultaneous feeds with picture-in-picture or picture-by-picture.

Featuring

- Work comfortably with adjustable tilt, height adjustment, and swivel settings. Use pivot rotation for portrait or landscape views when using multiple displays.⁴ An integrated HP Quick Release Bracket supports wall mounting.⁵
- Design the screen for how you work with HP Display Assistant software.
- Rest assured that your IT investment is supported by a three-year standard limited warranty. To extend your protection beyond the standard limited warranty, select an optional HP Care service.⁶
- Be a better consumer with a display that has environmentally responsible components.

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Specifications Table



Product Number	M2D46A4; M2D46A8; M2D46AT
Product Color	Black
Display size (diagonal)	80,01 cm (31.5")
Display Type	IPS w/LED backlight
Panel Active Area	696.96 x 392.04 mm; 27.44 x 15.43 in
Viewing Angle	178° horizontal; 178° vertical
Brightness	300 cd/m ²
Contrast Ratio	1000:1 static; 5000000:1 dynamic ¹
Response Ratio	8 ms gray to gray ¹
Aspect Ratio	16:9
Native Resolution	3840 x 2160 @ 60 Hz
Resolutions Supported	3840 x 2160; 2560 x 1600; 2560 x 1440; 1920 x 1200; 1920 x 1080; 1680 x 1050; 1600 x 1200; 1600 x 900; 1440 x 900; 1366 x 768; 1280 x 1024; 1280 x 960; 1280 x 800; 1280 x 768; 1280 x 720; 800 x 600; 720 x 480; 720 x 400; 640 x 480
Display Features	Plug and Play; Anti-glare; User programmable; Language selection; On-screen controls; LED Backlights; In plane switching
User Controls	4-button OSD; Menu; Power
Input signal	1 HDMI 2.0 (with HDCP support); 1 HDMI 1.4/MHL (with HDCP support); 1 DisplayPort 1.2 (with HDCP support); 1 Mini-DisplayPort
Ports and Connectors	4 USB 3.0 (two side and two rear); 1 audio output
Input power	Input voltage: 90 to 265 VAC
Power consumption	Energy Efficiency Class: C; Panel Active Area: 696.96 x 392.04 mm; 27.44 x 15.43 in; On-mode power consumption: 80 W; Annual energy consumption: 116 kWh; Power consumption (standby): 0,45 watts; Power consumption (off-mode): 0,29 W; Power consumption Description: 120 W (maximum), 86 W (typical), 0.5 W (standby); Screen resolution: 3840 x 2160 @ 60 Hz
Dimensions with Stand (W x D x H)	29.0 x 9.7 x 24.2 in 73.71 x 24.55 x 61.38 cm
Dimensions without Stand (W x D x H)	29.0 x 2.8 x 17.1 in 73.71 x 7.01 x 43.46 cm
Weight	23.8 in (with stand); 17.16 in (without stand) 10.8 kg (with stand); 7.8 kg (without stand)
Ergonomic features	Tilt: -5 to +20°; Height: 130 mm; Swivel: ±45°; Pivot rotation: 90°
Certification and Compliance	CE; CB; KC/KCC; NOM; PSB; ICE; TUV-S; UL-CSA; CCC; CEL; CECp; SEPA; EPA; ISC; VCCI; FCC; Taiwan BSMI; Microsoft WHQL Certification (Windows 8.1 and Windows 7); SmartWay Transport Partnership (NA)
Environmental	Arsenic-free display glass; Mercury-free display backlights; Low halogen ²
What's in the box	Monitor; AC power cable; DisplayPort cable; DisplayPort mini cable; USB cable; CD (includes user guide, warranty, drivers); HP Display Assistant software
Warranty	3-years limited warranty including 3 years of parts and labour. Certain restrictions and exclusions apply.

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Accessories and services (not included)

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 LCD 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: NQ576AA

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 5 year Next business day Onsite Standard Monitor Hardware Support



Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.

Product number: U7935E

Learn more at
www.hp.eu/hpoptions

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Messaging Footnotes

¹ Reduce power consumption and help lower your costs with an energy-efficient design.

² HP DreamColor Calibration Kit sold separately.

³ MHL 2.0 port will charge an MHL-compatible smart phone and tablet battery. Requires the smart phone or tablet to be enabled for MHL or have an HDMI dongle (sold separately) to connect to the monitor. See your mobile device specifications. Max display resolution of content from a smart phone or tablet is dependent on the max resolution of those devices.

⁴ Each display sold separately.

⁵ Mounting hardware sold separately.

⁶ Sold separately. 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. 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.

Technical specifications disclaimers

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

² 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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