



HP Zvr 23.6-inch Virtual Reality Display

Change the way you think, work, and create with the HP Zvr 23.6-inch Virtual Reality Display, the first commercial 3D display from HP that delivers a virtual-holographic 3D¹ image so you can see every angle and curve in lifelike detail.



Intuitive virtual reality.

- Experience real-time, natural interaction with your 3D¹ content as the Full HD stereoscopic display's full-motion parallax sensors track and respond to the movement of your lightweight, passive glasses.^{2,3}

Put a pen in it.

- Rotate, manipulate, navigate, and zoom in and out of every detail of the holographic image with the stylus pen.³

Redefine show and tell.

- Project your 3D¹ models to a 2D big screen for easy team collaboration using your choice of third-party hardware.⁴
- Easily drive your architectural, MCAD, education, and scientific content from an HP Z Workstation or HP Business Desktop with dual-link DVI or DisplayPort connectors.
- Import, view and interact with your architectural, MCAD, education, and scientific 3D content with the zSpace Studio Software.⁴
- Create your own design, prototyping, and education-specific software with the included zSpace Developer Kit.⁵
- Get world-class service and support from a three-year standard limited warranty. To extend your protection beyond the standard limited warranty, select optional HP Care Pack Services.⁶



HP Zvr 23.6-inch Virtual Reality Display Specifications Table



Product Number	K5H59A4
Display Size (diagonal)	23.6"
Display Type	TN w/segmented LED backlight
Panel Active Area	20.52 x 11.54 in; 521.28 x 293.22 mm
Viewing Angle	170° horizontal; 160° vertical
Brightness	200 cd/m ² in 3D mode ¹
Contrast Ratio	300:1 average in 3D mode; 1000:1 average in 2D mode ¹
Response Time	5.6 ms on/off ¹
Aspect Ratio	16:9
Native Resolution	1920 x 1080 @ 120 Hz
Resolutions Supported	1920 x 1080; 640 x 480
Display Features	Plug and Play; Anti-glare; LED Backlights
User Controls	Power
Input Signal	1 DVI-D (with HDCP support); 1 DisplayPort 1.2 (with HDCP support);
Ports and Connectors	5 USB 2.0 (four downstream and one upstream to PC ports)
Input Power	Input voltage: 100 to 240 VAC
Power Consumption	90 W (maximum), 65 W (typical) with 3D mode enabled, and 0.5 W (standby) "Soft OFF"
Dimensions with Stand (W x D x H)	27.17 x 11.14 x 20.68 in 69 x 28.29 x 52.53 cm
Dimensions without Stand (W x D x H)	27.17 x 2.68 x 20.68 in 69 x 6.81 x 52.53 cm Without stand
Weight	21.43 lb (with stand); 14.08 lb (without stand) 9.74 kg (with stand); 6.4 kg (without stand)
Ergonomic Features	Tilt: -7 to +60°; Height: 162 mm (at full recline)
Camera	4 IR cameras, for head and stylus tracking
Environmental	Mercury-free display backlights; Arsenic-free display glass
What's in the box	Monitor; AC power cord; External power supply; DisplayPort cable; USB cable; Active stylus; 1 passive eyewear; 1 passive eyewear (clip-ons); CD (includes user guide, warranty, drivers); Zvr system software; Zvr Experience - Demo software
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 from date of hardware purchase. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at http://www.hp.com/go/lookuptool . Additional HP Care Pack Services information by product is available at http://www.hp.com/hps/carepack

See important legal disclaimers on the last page

Messaging Footnotes

¹ 3D content is required for 3D performance.

² User must be wearing 3D glasses for tracking to occur.

³ 3D glasses, 3D glass clip-on, and stylus pen are included.

⁴ Sold separately.

⁵ Disc included. See product QuickSpecs for exact compatibility.

⁶ HP Care Pack Services are sold separately. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See www.hp.com/go/cpc for details. 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 Footnotes

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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