

Datasheet

HP Zvr 59,94 cm (23.6") Virtual Reality Display



Get up close and personal with every project.

Change the way you think, work, and create with the HP Zvr 59,94 cm (23.6") 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

Featuring

- 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

HP Zvr 59,94 cm (23.6") Virtual Reality Display Specifications Table



| | |
|---|--|
| Product Number | K5H59A4; K5H59A8; K5H59AT |
| Product Color | Black |
| Display size (diagonal) | 59,94 cm (23.6") |
| Display Type | TN w/segmented LED backlight |
| Panel Active Area | 521.28 x 293.22 mm; 20.52 x 11.54 in |
| 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 Ratio | 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 | Panel Active Area: 521.28 x 293.22 mm; 20.52 x 11.54 in; Power consumption Description: 90 W (maximum), 65 W (typical) with 3D mode enabled, and 0.5 W (standby) "Soft OFF"; Screen resolution: 1920 x 1080 @ 120 Hz |
| 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 |
| 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) |
| Webcam | 4 IR cameras, for head and stylus tracking |
| Certification and Compliance | UL/CSA; CE; KC; NOM; TUV-S; PSB; FCC marking; CB |
| 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 | 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 DisplayPort Cable Kit



Connects a DisplayPort connector on an HP Business Desktop computer to a DisplayPort connector on a monitor.
Product number: VN567AA

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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.

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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