



**HP Performance Series**

## **HP ZR22w**

**21.5-inch Widescreen LCD Monitor**

*An energy-efficient panel never looked so good*

HP introduces a new Performance Series monitor with the visual performance power-users demand and the affordability and energy efficiency businesses require.



### **Continuing our commitment to environmental responsibility**

The HP ZR22w may look like a standard 21.5-inch Performance Series monitor, but its environmental features make it stand out in a whole new way. For starters, it has a power supply with greater than 85% efficiency\* and it has a low-power panel, which means it is more efficient than previous Performance Series models. The stylish, aluminum-clad chassis also uses a minimum of 25% post-consumer recycled resin for more responsible resource utilization. Finally, the ZR22w is ENERGY STAR® 5.0 qualified, has earned a Gold rating from EPEAT®\*\* and is TCO Certified Displays 5.0, so you can be confident that you have chosen more responsible IT equipment.

### **Trail blazing visual performance at an affordable price**

The HP ZR22w helps achieve maximum accuracy with leading-edge visual performance technologies in an affordable package. This display's S-IPS panel, with native sRGB-class performance (96% coverage of sRGB), provides an accurate representation of the colors used in engineering, creative and professional applications for enhanced on-screen color accuracy. With 16.7M

displayable colors, Full HD\*\*\* (1920 x 1080 resolution), a 16:9 aspect ratio, a 3000:1 dynamic contrast ratio, and ultra-wide viewing angles, the ZR22w delivers outstanding visual performance. Inputs include HDCP-compliant DisplayPort and DVI, as well as VGA. Finally, convenience is maximized with the integrated 4-port USB hub and the HP Quick Release.

### **Be comfortable. Be productive.**

The HP ZR22w enables maximum comfort and best visual positioning with an 8-way comfort adjust stand that provides tilt, pivot, swivel, and height adjustability in the column, helping increase comfort and productivity throughout the day. As well, integrated cable management has been simplified with the new snap-on cable cover.

### **Better together**

HP Z Workstations (sold separately) are tested with all HP Performance displays and also feature complimentary industrial design and high efficiency power supplies for a smart and power-efficient workstation solution.



THE COMPUTER  
IS PERSONAL  
AGAIN.

# HP ZR22w 21.5-inch Widescreen LCD Monitor

<b>Part number</b>	VM626A4
<b>Panel type</b>	S-IPS (UH-IPS technology for improved energy efficiency), Wide-Aspect Active Matrix TFT (thin film transistor)
<b>Viewable image area</b>	<b>54,61 cm</b> (21.5 in) measured diagonally
<b>Viewing angle</b>	Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio)
<b>Brightness**</b>	250 nits (cd/m <sup>2</sup> )
<b>Contrast ratio**</b>	1000:1, 3000:1 (Dynamic)
<b>Response rate**</b>	8 ms (gray to gray), 16 ms (on/off)
<b>Frequency</b>	47.5 to 63 kHz
<b>Native resolution</b>	1920x1080 @ 60 Hz , 2.1 Million pixels, 16:9 aspect ratio, Full HD***
<b>Resolutions supported</b>	1920 x 1080 @ 60Hz, 1680 x 1050 @ 60Hz, 1600 x 1200 @60 Hz, 1440 x 900 @ 60 Hz, 1280 x 1024 @ 60 Hz, 1280 x 960 @ 60 Hz, 1280 x 720 @ 60 Hz, 1024 x 768 @ 60 Hz, 800 x 600 @ 60 Hz, 640 x 480 @ 60 Hz
<b>Input signal</b>	DisplayPort , DVI-D, and VGA connectors; HDCP support on DisplayPort and DVI-D
<b>User controls (on-screen display)</b>	Brightness, contrast, OSD control, color temperature (5000k, 6500k(sRGB), 9300k, custom), individual color control, information, video input control, clock, clock phase, monitor management, factory reset
<b>Input power</b>	Auto-Sensing, 100 to 240 VAC, 50 +/-3 Hz to 60 +/-3 Hz
<b>Power consumption</b>	Typical: 33.5 watts (120 VAC, USB ports 25% of max load) ; Power saving: <1 watt sleep; <1 watt off
<b>Dimensions (h x w x d)</b>	Unpacked w/stand: <b>36,7 x 45,7 x 50,7 x 23 cm</b> (14.4 to 18.0 x 20.09 x 9.1 in) Unpacked w/o stand (head only): <b>30,3 x 50,7 x 6,4 cm</b> (11.9 x 20.0 x 2.5 in)
<b>Weight</b>	Packaged: 9.66 kg (21.3 lb)
<b>Ergonomic features</b>	Tilt range: -5° to +30° vertical; Swivel range: -45° to +45°; Height: Up to <b>9,0 cm</b> (3.9 in); Pivot: Yes
<b>Environmental</b>	Temperature - Operating: 41° to 95° F (5° to 35° C); Temperature - Non-operating: -4° to 140° F (-20° to 60° C)
<b>Options (each sold separately)</b>	<b>HP LCD Speaker Bar</b> Optional; powered directly by the connected PC, seamlessly attaches to the monitor's bezel to bring full multimedia support to select HP LCD monitors; features dual speakers with full sound range and two external jacks for headphones. Part number NQ576AA. For more information, refer to the product's Quick Specs. <b>HP Integrated Work Center Stand</b> Optional; Allows mounting of a 17-, 19-, or 22-inch diagonal HP LCD monitor and an HP Compaq dc7800 or dc7900 Ultra-slim Desktop PC or HP t5000 series Thin Client on a single stand for the convenience of an "all-in-one" form factor. Sold separately. For more information, refer to this product's QuickSpecs document. Part number GN783AA. <b>HP USB Graphics Adapter</b> Optional; enables connection of up to six simultaneous displays. Use one Adapter to bridge between a notebook or desktop PC and second monitor or use multiple Adapters to connect several displays to each other. Part number NL571AA. <b>HP Business PC Security Lock Kit</b> Optional; Attaches to the rear of the PC with a six-foot steel cable that can be used to secure a PC or peripherals such as mice, keyboards, monitors or USB security devices to protect them against unauthorized removal by physically connecting the system to an anchor point. Part number PV606AA.
<b>Certification and compliance</b>	TCO 5.0 Displays, 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, ENERGY STAR® qualified, Microsoft® Windows® Certification (Microsoft® Windows® 98, Microsoft® Windows® 2000, Microsoft® Windows® XP, Microsoft® Windows® Vista® Premium, and Microsoft® Windows® 7), EPEAT™ Gold** (select regions)
<b>Limited warranty</b>	Three years parts, labor, and on-site service. 24-hour, 90-day, toll-free technical support. Replacement options may include second business day on-site service, or next business day**** direct replacement, at HP's sole discretion. With direct replacement, HP will ship a replacement display product directly to you. Using the prepaid shipping labels provided, return your failed display to HP in the same packaging as the replacement. Certain restrictions and exclusions apply. For details see your product warranty or contact HP Customer Support.

\*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. \*\*EPEAT Gold where HP registers commercial display products. See [www.epeat.net](http://www.epeat.net) for registration status in your country. \*\*\*High definition (HD) content is required to view HD images. This monitor is capable of 1080p resolution. \*\*\*\*HP Care Pack Services extend service contracts 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 [www.hp.com/go/lookuptool](http://www.hp.com/go/lookuptool). Additional HP Care Pack Services information by product is available at [www.hp.com/hps/carepack](http://www.hp.com/hps/carepack).

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