



HP Performance Series HP ZR2440w 24-inch LED Backlit IPS Monitor

Performance, quality, and style come together.

HP Performance Monitors offer the ultimate performance among the HP display family. We've updated our 24-inch diagonal display to include an LED backlight in a design that is ultra-modern and sleeker than ever to perfectly complement HP Z Workstations. The completely redesigned HP ZR2440w 24" LED Backlit IPS Monitor is a 16:10 LED-based display with a breadth of new features.

Stunning at every angle

The LED-backlight design makes the HP ZR2440w mercury-free and super thin. But we don't stop there.

- IPS (in-plane switching) technology provides outstanding image accuracy with ultra-wide 178° viewing angles and up to 10x higher contrast ratio versus mainstream monitors¹
- 1920 x 1200 resolution and 1000:1 contrast ratio and 2M:1 dynamic contrast ratio give you unbelievable image quality³
- Super fast 6-millisecond response time minimizes ghosting, blurring and smearing.
- 1:1 scaling support ensures proper letterboxing of Full HD² 1080p content

Productive from the start

The HP ZR2440w is ready to use right out of the box with easy setup and user-friendly convenience features:

- 8-way comfort adjust stand allows easy setting of height, tilt, swivel, and pivot

- Flush-design HP Quick Release 2 simplifies setup on and off the stand
- Ultra-thin bezels minimize the gap between multiple displays in panoramic multi-monitor arrays
- Integrated cable cover conceals cables
- USB hub connects up to four devices right at the monitor
- DisplayPort, DVI, and HDMI inputs enable a range of connectivity
- Easy slide-out product info tab provides product details viewable from the front of the monitor

Proven over the long-term

The HP ZR2440w monitor has built-in mission-critical reliability and energy efficiency with:

- Extensive testing that helps ensure seamless operation with HP Z Workstations and the applications you use most
- ENERGY STAR® 5.0, EPEAT® Gold certification⁴, 85% efficient power supply, BFR/PVC-free⁵ display/stand and more than 25% recycled resin to help you be an environmentally responsible purchaser
- A 3-3-3 limited warranty with protection available for up to 5 years⁶



HP ZR2440w 24-inch LED Backlit IPS Monitor

Product number	XW477A4, XW477A8	
Panel type	IPS (in-plane switching) LED Backlit LCD	
Viewable image area	61,13 cm (24.1 in) widescreen; diagonally measured	
Viewing angle	Up to 178° horizontal/178° vertical (10:1 minimum contrast ratio)	
Brightness³	50 to 350 nits cd/m ²	
Contrast ratio³	1000:1 static; 2M:1 dynamic	
Response time³	6 ms (gray to gray)	
Frequency ranges	24 to 80 kHz horizontal; 24 to 60 Hz vertical	
Native resolution	1920 x 1200	
Resolutions supported	640 x 480 @ 60 Hz	1280 x 1024 @ 60 Hz
	720 x 400 @ 70 Hz	1366 x 768 @ 60 Hz
	720 x 480 @ 60 Hz	1440 x 900 @ 60 Hz
	800 x 600 @ 60 Hz	1600 x 900 @ 60 Hz
	1024 x 768 @ 60 Hz	1600 x 1000 @ 60 Hz
	1152 x 720 @ 60 Hz	1600 x 1200 @ 60 Hz
	1280 x 720 @ 60 Hz	1680 x 1050 @ 60 Hz
	1280 x 768 @ 60 Hz	1920 x 1080 @ 60 Hz
	1280 x 800 @ 60 Hz	1920 x 1200 @ 60 Hz
	1280 x 960 @ 60 Hz	
Input connectors	(1) DisplayPort connector; (1) DVI-D connector; (1) HDMI connector; (HDCP support on all inputs)	
USB hub	Integrated, self-powered 4-port USB 2.0 hub, with (1) USB upstream connector; (4) USB downstream connectors.;	
User controls (on-screen display)	Brightness, contrast, positioning, color temperature (5000K, 6500K, 9300K, custom), individual color control, serial number, display, monitor management, factory reset	
Input power	90– 265 VAC, 50 to 60 Hz	
Power consumption	ENERGY STAR® Power (200cd/m ²) 32 W; Default Power 48 W; <0.5 W sleep/standby	
Dimensions (w x d x h)	56,2 x 23,5 x 42,9 to 52,9 cm (22.13 x 9.25 x 16.89 to 20.83 in)	
Weight	7,6 kg (16.76 lb)	
User comfort features	Height (10.0 cm), Tilt (-5° to +35°), Swivel (+/- 45°), Pivot (Landscape/Portrait)	
Environmental	Temperature - Operating: 5° to 35° C (41° to 95° F); Temperature - Non-operating: -20° to 60° C (-4° to 140° F)	
Options (each sold separately)	HP LCD Speaker Bar - 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. HP USB Graphics Adapter - 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. HP Business PC Security Lock Kit - 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.	
Certification and compliance⁴	ENERGY STAR® 5.1, EPEAT® Gold, TCO Displays 5.2, CB,CE, FCC, ETLus, VCCI, C-tick, BSMI, ,TUV-S, ISO9241-307, TUV-GS, CCC, CECP, CEL, NOM, PSB, KC, GOST, ISC	
Limited warranty	Protected by HP, including a 3 years parts, 3 years labor, and 3 years onsite service (3/3/3) standard limited warranty. Certain restrictions and exclusions apply.	

1. As compared to mainstream monitors with TN (Twisted Nematic) panels when viewed at 60°.

2. HD content is required to view HD images.

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

4. EPEAT® Gold where HP registers commercial display products. See www.epeat.net for registration status in your country.

5. Meets the evolving definition of 'BFR/PVC-free' as set forth in the "iNEMI Position Statement on the 'Definition of Low-Halogen' Electronics (BFR/CFR/PVC-Free)". Plastic parts contain < 1000 ppm (0.1%) of bromine [if the Br source is from BFRs] and < 1000 ppm (0.1%) of chlorine [if the Cl source is from CFRs or PVC or PVC copolymers]. All printed circuit board (PCB) and substrate laminates contain bromine/chlorine total < 1500 ppm (.15%) with a maximum chlorine of 900 ppm (.09%) and maximum bromine being 900 ppm (.09%). External cables (power, video and USB) are not BFR/PVC-free. Service parts after purchase may not be BFR/PVC-free.

6. 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.

Additional HP Care Pack Services information by product is available at www.hp.com/hps/carepack.

© 2011 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. ENERGY STAR® is a registered mark owned by the US government. To learn more, visit www.hp.com.

