

# BETTER TOGETHER



## HP PERFORMANCE MONITORS AND HP WORKSTATIONS

### HP Recommends Windows Vista® Business

#### Why should you care about viewing angle?

If you have adjusted a notebook's display tilt to get a better picture, you know how viewing angle can affect accuracy. When considering viewing angle, key questions include:

- Do you need to move horizontally or slide your chair?
- Do you move vertically or sometimes stand?
- Do you use multiple displays?
- Do multiple people need to view the display at the same time?
- Do you use large displays (24-30")?
- If you answered yes to any of these questions, then the ultra-wide viewing angle in HP performance displays can improve your productivity.

HP performance monitors offer greater performance, productivity, and reliability as compared to conventional flat-panel displays. With wider viewing angles, stunning color accuracy, improved ergonomics and more, HP performance monitors are workstation-class products that meet your workstation-class visual requirements.

#### GET RESULTS WITH OUTSTANDING VISUAL PERFORMANCE

Get the best results and the features you want—the highest resolutions, brightest screens, and best color technology with HP performance monitors.

- **Ultra-wide viewing angles** provide exceptionally consistent color and brightness—get an accurate image even from off-axis viewpoints.
- **Faster response times** and better movement mean maximum performance and artifact-free motion.
- **Excellent contrast ratios** provide vivid detail. With an HP performance monitor, darker image areas are more defined, and white points are more consistent and stable.
- **Broad color support** gives you the rich visual quality and consistent results you need. When color is critical, HP performance monitors deliver.

#### IMPROVE PRODUCTIVITY AND COLLABORATION

An HP performance monitor lets you see and do more—you get both maximum comfort and productivity. With wider viewing angles and narrow bezels, they are also ideal for your dual-monitor and multi-monitor needs.

- **Share your vivid images** with a roomful of people without distortion. Performance monitors produce better colors and brightness with a wider viewing angle.
- **Take advantage of ultra-thin bezels** to reduce visual barriers and make it easier to tile multiple monitors. And you can increase productivity with dual monitors. Get a larger work area and the space to see multiple windows at the same time.
- **Get quick, accurate tuning** of the display with HP Display Assistant. You can also save and use multiple configurations for different content and ambient lighting.
- **Work in comfort and reduce eye fatigue** with multi-axis adjustments (height, tilt, swivel and pivot) and HP Quick Release in the stand for wall and arm mounting. HP performance monitors easily adapt to changing environments.



	HP LP2275w	HP LP2475w	HP LP3065	HP LP2480zx DreamColor
<b>Size (Diagonal)</b>	22 inches	24 inches	30 inches	24 inches
<b>LCD Panel Technology</b>	PVA	IPS	IPS	IPS
<b>Response rate (gray to gray)</b>	6 ms	6 ms	5 ms	6 ms
<b>Inputs</b>	DVI-I, DisplayPort	2 DVI-I, HDMI, DisplayPort, Component Video, S-Video, and Composite Video	3 Dual-link DVI-D	DVI-I, HDMI, DisplayPort, Component Video, S-Video, and Composite Video
<b>Viewing angle</b>	178 degrees	178 degrees	178 degrees	178 degrees
<b>Ergonomics</b>	4-axis (height, tilt, swivel, 90° pivot)	4-axis (height, tilt, swivel, 90° pivot)	3-axis (height, tilt, swivel)	4-axis (height, tilt, swivel, 90° pivot)
<b>Cables included</b>	DVI-D, DVI-VGA, DisplayPort, USB	DVI-D, DVI-VGA, HDMI, DisplayPort, USB	2 Dual-link DVI	DVI-D, DVI-VGA, HDMI, DisplayPort, USB
<b>HP Quick Release</b>	Yes	Yes	Yes	Yes
<b>HP Display Assistant</b>	Yes	Yes	No	Yes
<b>Rigorously tested with HP workstations</b>	Yes	Yes	Yes	Yes

## WHAT'S THE DIFFERENCE?

What makes high-performance LCD monitors perform differently? The underlying technology that creates the image affects display quality, viewing angle, and function. The conventional standard, Twisted Nematic (TN) technology, does not offer the performance to match today's workstation applications.

## RELIABLE AND RIGOROUSLY TESTED WITH HP WORKSTATIONS

HP performance monitors are rigorously tested with HP workstations and graphics to maximize performance and compatibility, so you can get more done and collaborate more easily. And you can rest assured that your system is ready to go from the start.

You deserve a monitor that matches the performance of your HP workstation—a monitor tested and qualified for out-of-the-box functionality. A comprehensive three-year monitor limited warranty gives you world-class HP support to match your workstation, with a single phone call.

	Conventional LCDs	HP Performance LCDs
<b>LCD panel technology</b>	Twisted Nematic (TN)	Patterned Vertical Alignment (PVA) and In Plane Switching (IPS)
<b>Bits per color</b>	6-bits with dithering	True 8-bits per color, for true 16.7 million displayable colors, with no visual artifacts from dithering
<b>Typical use</b>	Desktop monitors and notebooks for home and mainstream office applications	Workstations and applications for engineering, digital content creation, CAD/MCAD, visualization, color critical content
<b>Characteristics</b>	Cost focused with lower performance	Performance focused for productivity and accuracy
<b>Viewing angle</b>	Loss of accuracy at wider viewing angles	Maximum visual accuracy at any angle
<b>Response times</b>	Average response times, especially gray-to-gray (most relevant for video and motion)	Fast response times and ghostless motion for more accuracy and productivity with less eye fatigue
<b>Contrast uniformity</b>	Average contrast ratio, images not as clear, detailed, or consistent	Excellent contrast ratio, white-point uniformity, and dark region details over a broad viewing angle

To learn more, visit [www.hp.com/go/wsmonitors](http://www.hp.com/go/wsmonitors).