

# ViewSonic® LED DISPLAY **VX2457-mhd**

## Key Features

- Low input lag
- 75Hz refresh rate
- AMD FreeSync™ technology
- Black stabilisation
- Full HD 1080p resolution



## Product Description

The ViewSonic® VX2457-mhd is a 24" (23.6" viewable) Full HD monitor built for the ultimate gaming and entertainment experience. Equipped with AMD's FreeSync™ Technology, the VX2457-mhd's dynamic refresh rate virtually eliminates screen tearing in order to provide a fluid gameplay experience during fast paced action scenes. Complimenting FreeSync™ Technology, the monitor's ultra-fast 1ms response time and fastest input response mode provides a smooth screen performance without blurring or ghosting for any multimedia applications. We didn't just stop there, for the best gameplay experience we also integrated a gaming oriented hot key that features on the fly optimized presets for FPS, RTS and MOBA. The monitor also offers a black stabilization function that delivers richer color and better contrast for dark scenes in multimedia and gaming scenarios. The VX2457-mhd is equipped with a full array of advanced connectivity including DisplayPort, HDMI and also the legacy VGA option for flexible connection to PCs, laptops, gaming consoles and entertainment devices. The monitor has 80M:1 MEGA Dynamic Contrast Ratio for sharp and crisp color performance for enjoying any multimedia content. Lastly, to maximize user comfort and enhance viewing experience, the VX2457-mhd is packaged with Flicker-Free technology, Blue Light Filter and low EMI function.\*This monitor is GeForce Driver G-Sync Enable-Ready [Disclaimer].

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**LCD PANEL**

Type:	24" Wide TN Type, a-si TFT Active Matrix LCD
Display Area:	23.6"
Resolution:	Full HD 1920 x 1080
Brightness:	300 cd/m <sup>2</sup> (Typ.)
Contrast Ratio:	1000 :1 (Typ.) / 700:1(Min)
Dynamic Contrast Ratio:	80,000,000:1
Viewing Angle:	170° (H) / 160° (V) (Typ)
Response Time:	1ms (GTG $\sigma$ )
Backlight:	WLED light bar
Backlight Life:	40000 Hrs (Min.)
Colours:	16.7M colors (6-bit+A-FRC)
Color Gamut:	72% of NTSC (Typ.)
Panel Surface:	Anti-Glare type, Hard-coating (3H)

**INPUT SIGNAL**

Sync:	Separate Sync / Composite Sync / Sync on Green
Frequency (Fh / Fv):	24 ~84 kHz / 47 ~75 Hz

**COMPATIBILITY**

PC:	1920 x 1080 (Non-Interlaced)
Mac:	1920 x 1080

**CONNECTOR**

Analog:	VGA x1
Digital:	HDMI (v.1.4) x1 / DisplayPort (v.1.2) x1
Audio in:	3.5mm jack x1
Audio out (Earphone out):	3.5mm jack x1
Power:	Internal Power Board

**AUDIO**

Speaker:	2W x2
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**POWER**

Voltage:	AC 100-240V (Universal); 50/60 Hz
Consumption:	24 W (Max.); Optimize: 18 W (Typ.); Conserve: 14 W (Typ.)

**ERGONOMICS**

Tilt:	23° ~ -5°
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**OPERATING CONDITIONS**

Temperature:	32°F to 104°F (0°C to 40°C)
Humidity:	20% to 90% (no condensation)

**DIMENSIONS (WXHxD)**

Physical with stand:	558.7mm (W) x 422.4mm (H) x 229.7mm (D)
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**WEIGHT**

Net with stand:	4.08kg
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**REGULATIONS**

WEEE, RoHS Green BOM & RoHS DoC, REACH SVHC List & DoC, CE, EMC, CB, ErP, Windows 8, Windows 10, cULus, FCC-B w/ ICES003, Energy star 6.0, EPEAT(Silver), Mexico-CoC, Mexico Energy, BSMI, PSB, RCM, MEPS, SASO, KC, E-Standby, VCCI, PSE, CCC, CEL Level 1

**VESA® WALL MOUNT (MM)**

100 x 100
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**PACKAGE CONTENTS**

LCD Display/ Power Cable (1.5m)/ Audio Cable (1.5m)/ VGA Cable (1.5m)/ HDMI Cable (1.5m)/ Quick Start Guide/ ViewSonic Wizard CD-ROM