**ViewSonic®**

LCD DISPLAY
# VX2428

## Key **Features**

- Fast IPS Display with HDR10
- AMD FreeSync™ Premium for smooth gameplay
- VESA AdaptiveSync for tear-free gaming experience
- VESA ClearMR for clarity of action
- Rapid 0.5ms MPRT for crisp image

## Product **Description**

No matter how often you game or when you game, you always win with the Omni VX2428. The triple certification of AMD FreeSync™ Premium, VESA Adaptive Sync, and VESA clearMR allows you to savor distortion-free gaming and enhanced clarity. The sharp frames and outstanding color performance are delivered by a fast IPS panel, while the VX2428's high 180Hz refresh rate supports smooth visuals and minimal input lag. You may think it doesn't get better than this, but it does. Not only will you get the job done — be it grueling gaming sessions, video and photo editing, or office assignments — you'll be working on a sleek, beautifully designed monitor.

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## DISPLAY

| | |
|---|---|
| Display Size (in.): | 24 |
| Viewable Area (in.): | 23.8 |
| Panel Type: | IPS Technology |
| Resolution: | 1920 x 1080 |
| Resolution Type: | FHD (Full HD) |
| Static Contrast Ratio: | 1,000:1 (typ) |
| Dynamic Contrast Ratio: | 80M:1 |
| High Dynamic Range: | HDR10 |
| Light Source: | LED |
| Brightness: | 250 cd/m² (typ) |
| Colors: | 16.7M |
| Color Space Support: | 8 bit (6 bit + FRC) |
| Aspect Ratio: | 16:9 |
| Response Time (MPRT): | 0.5ms |
| Viewing Angles: | 178º horizontal, 178º vertical |
| Backlight Life (Hours): | 30000 Hrs (Min) |
| Curvature: | Flat |
| Refresh Rate (Hz): | 180 |
| Variable Refresh Rate Technology: | FreeSync Premium, AdaptiveSync |
| Low Blue Light: | Software solution |
| Flicker-Free: | Yes |
| Color Gamut: | NTSC: 72% size (Typ) sRGB: 104% size (Typ) |
| Pixel Size: | 0.275 mm (H) x 0.275 mm (V) |
| Surface Treatment: | Anti-Glare, Hard Coating (3H) |

## COMPATIBILITY

| | |
|---|---|
| PC Resolution (max): | 1920x1080 |
| Mac® Resolution (max): | 1920x1080 |
| PC Operating System: | Windows 10/11 certified; macOS tested |
| Mac® Resolution (min): | 1920x1080 |

## CONNECTOR

| | |
|---|---|
| 3.5mm Audio Out: | 1 |
| HDMI 1.4: | 2 |
| DisplayPort: | 1 |
| Power in: | DC Socket (Center Positive) |

## AUDIO

| | |
|---|---|
| Internal Speakers: | 2Watts x2 |

## POWER

| | |
|---|---|
| Eco Mode (Conserve): | 17W |
| Eco Mode (optimized): | 20W |
| Consumption (typical): | 24W |
| Consumption (max): | 25W |
| Voltage: | AC 100-240V |
| Stand-by: | 0.3W |
| Power Supply: | External Power Adaptor |

## ADDITIONAL HARDWARE

| | |
|---|---|
| Kensington Lock Slot: | 1 |

## CONTROLS

| | |
|---|---|
| Physical Controls: | Key 1 (favorite), Key 2, Key 3, Key 4, Key 5 (power) |
| On Screen Display: | Input Select, Audio Adjust, ViewMode, Color Adjust, Manual Image Adjust, Setup Menu |

## OPERATING CONDITIONS

| | |
|---|---|
| Temperature: | 32°F to 104°F (0°C to 40°C) |
| Humidity (non-condensing): | 20% to 90% |

## WALL MOUNT

| | |
|---|---|
| VESA Compatible: | 100 x 100 mm |

## INPUT SIGNAL

| | |
|---|---|
| Frequency Horizontal: | HDMI (v1.4): 30 ~ 166KHz, DisplayPort (v1.4): 30 ~ 193KHz |
| Frequency Vertical: | HDMI (v1.4): 48 ~ 180Hz, DisplayPort (v1.4): 48 ~ 180Hz |

## VIDEO INPUT

| | |
|---|---|
| Digital Sync: | TMDS - HDMI (v1.4), PCI-E - DisplayPort (v1.4) |

## ERGONOMICS

| | |
|---|---|
| Tilt (Forward/Back): | -5º / 20º |

## WEIGHT (IMPERIAL)

| | |
|---|---|
| Net (lbs): | 6.8 |
| Net Without Stand (lbs): | 6.1 |
| Gross (lbs): | 9.7 |

## WEIGHT (METRIC)

| | |
|---|---|
| Net (kg): | 3.1 |
| Net Without Stand (kg): | 2.8 |
| Gross (kg): | 4.4 |

## DIMENSIONS (IMPERIAL) (WXHXD)

| | |
|---|---|
| Packaging (in.): | 23.8 x 15.7 x 4.7 |
| Physical (in.): | 21.3 x 16.3 x 7.2 |
| Physical Without Stand (in.): | 21.3 x 12.7 x 1.7 |

## DIMENSIONS (METRIC) (WXHXD)

| | |
|---|---|
| Packaging (mm): | 605 x 400 x 120 |
| Physical (mm): | 542 x 413 x 183 |
| Physical Without Stand (mm): | 542 x 323 x 44 |

## GENERAL

| | |
|---|---|
| Regulations: | cTUVus, FCC-B, ICES003, CEC, NRCan, NOM, Mexico Energy, CE, CE EMC, LVD/CB, RoHS, ErP, REACH, WEEE, EAC, UkrSEPRO, BSMI, RCM, GEMS, BIS |
| PACKAGE CONTENTS: | VX2428 x1, 3-pin Plug (IEC C13 / CEE22) x1, DisplayPort Cable (v1.2; Male-Male) x1, AC/DC Adapter x1, Quick Start Guide x1 |
| Recycle/Disposal: | Please dispose of in accordance with local, state or federal laws. |
| Warranty: | *Warranty offered may differ from market to market |