

ViewSonic® LCD DISPLAY XG2431

Key Features

- Blur Busters 2.0 Certified
- 240Hz Refresh Rate
- Fast-IPS Display with VESA DisplayHDR 400
- 1ms (MPRT) Response Time
- AMD FreeSync™ Premium



Product Description

Engineered for gaming, the ViewSonic XG2431 features the perfect blend of speed, control and color. An ultra-smooth 240Hz display pushes FPS gaming into new territory, enabling games to run at higher frames for superior graphic performance. AMD FreeSync™ Premium synchronizes the monitor and GPU outputs, eliminating screen tearing and lag. Fast-IPS technology combines rich colors with VESA DisplayHDR, better contrast, and wide viewing angles, with up to 4X response times compared to traditional panels. The 1ms response time allows every input to be faster and more precise. Flexible connectivity via DisplayPort and two HDMI ports make connections to other peripherals or high-end graphics cards for gaming a breeze. The XG2431 is also equipped with ViewSonic's exclusive ViewMode™ presets, which offer user-customized game modes, including FPS, RTS and MOBA game settings.

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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 |
| Static Contrast Ratio: | 1,000:1 (typ) |
| Dynamic Contrast Ratio: | 80M:1 |
| Light Source: | LED |
| Brightness: | 350 cd/m ² (typ) |
| Colors: | 16.7M |
| Color Space Support: | 8 bit true |
| Aspect Ratio: | 16:9 |
| Response Time (Typical GTG): | 1ms |
| Viewing Angles: | 178° horizontal, 178° vertical |
| Backlight Life (Hours): | 30000 Hrs (Min) |
| Curvature: | Flat |
| Refresh Rate (Hz): | 240 |
| Adaptive Sync: | FreeSync |
| Blue Light Filter: | Yes |
| 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

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|------------------------|--|
| PC Resolution (max): | 1920x1080 |
| Mac® Resolution (max): | 1920x1080 |
| PC Operating System: | Windows 7/8/8.1/10 certified; macOS tested |
| Mac® Resolution (min): | 1920x1080 |

CONNECTOR

| | |
|-----------------------------|--------------------------------|
| USB 3.2 Type A Down Stream: | 2 |
| USB 3.2 Type B Up Stream: | 1 |
| 3.5mm Audio Out: | 1 |
| HDMI 2.0: | 2 |
| DisplayPort: | 1 |
| Power in: | 3-pin Socket (IEC C14 / CEE22) |

AUDIO

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|--------------------|-----------|
| Internal Speakers: | 3Watts x2 |
|--------------------|-----------|

POWER

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|------------------------|-----------------------|
| Eco Mode (Conserve): | 16W |
| Eco Mode (optimized): | 20W |
| Consumption (typical): | 23W |
| Consumption (max): | 52W |
| Voltage: | AC 100-240V, 50/60 Hz |
| Stand-by: | 0.5W |
| Power Supply: | Internal |

ADDITIONAL HARDWARE

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|-----------------------|-----|
| Kensington Lock Slot: | 1 |
| Cable Organization: | Yes |

CONTROLS

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|--------------------|---|
| Physical Controls: | Key 1 (favorite), Key 2, Key 3, Key 4, Key 5, Key 6 (power) |
| On Screen Display: | Input Select, Audio Adjust, ViewMode, Color Adjust, Manual Image Adjust, Setup Menu |

OPERATING CONDITIONS

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

WALL MOUNT

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| VESA Compatible: | 100 x 100 mm |
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INPUT SIGNAL

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| Frequency Horizontal: | HDMI (v2.0): 15 ~ 255KHz, DisplayPort (v1.4): 255 ~ 255KHz |
| Frequency Vertical: | HDMI (v2.0): 48 ~ 240Hz, DisplayPort (v1.4): 48 ~ 240Hz |

VIDEO INPUT

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| Digital Sync: | TMDS - HDMI (v2.0), PCI-E - DisplayPort (v1.4) |
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ERGONOMICS

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| Height Adjust (mm): | 120 |
| Swivel: | 90° |
| Tilt (Forward/Back): | -5° / 15° |
| Pivot (Right/Left): | 90° / 0° |

WEIGHT (IMPERIAL)

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|--------------------------|-----|
| Net (lbs): | 15 |
| Net Without Stand (lbs): | 7.8 |
| Gross (lbs): | 19 |

WEIGHT (METRIC)

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|-------------------------|-----|
| Net (kg): | 6.8 |
| Net Without Stand (kg): | 3.5 |
| Gross (kg): | 8.6 |

DIMENSIONS (IMPERIAL) (WXHXD)

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|-------------------------------|--------------------------|
| Packaging (in.): | 27.5 x 15.7 x 7.3 |
| Physical (in.): | 21.3 x 17.09~20.48 x 9.4 |
| Physical Without Stand (in.): | 21.3 x 12.7 x 1.9 |

DIMENSIONS (METRIC) (WXHXD)

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|------------------------------|-------------------------|
| Packaging (mm): | 698 x 400 x 185 |
| Physical (mm): | 540 x 434.1~520.1 x 239 |
| Physical Without Stand (mm): | 540 x 323 x 49 |

GENERAL

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| Regulations: | cTUVus, FCC-B, ICES003, CEC, TUV S-Mark, NOM, Mexico Energy, CE, CE EMC, CB, RoHS, ErP, REACH, WEEE, EAC, UkrSEPRO, UKCA, RCM, GEMS, VCCI, PSE, BIS, CCC, China RoHS, China Energy Label |
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PACKAGE CONTENTS:

XG2431 x1, 3-pin Plug (IEC C13 / CEE22) x1, DisplayPort Cable (v1.2; Male-Male) x1, USB A/B Cable (v3.2; Male-Male) x1, Quick Start Guide x1

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| Recycle/Disposal: | Please dispose of in accordance with local, state or federal laws. |
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| Warranty: | *Warranty offered may differ from market to market |
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| Country Of Origin: | 40 |
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