

ViewSonic® LCD DISPLAY **XG2431**

Key Features

- Blur Busters 2.0 Certified
- 240Hz Refresh Rate
- Fast-IPS Display with VESA DisplayHDR 400
- <0.5ms 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 graphics 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 0.5ms MPRT 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 (Full HD)
Static Contrast Ratio:	1,000:1 (typ)
Dynamic Contrast Ratio:	80M:1
Light Source:	LED
Brightness:	230 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

PC Resolution (max):	1920x1080
Mac® Resolution (max):	1920x1080
PC Operating System:	Windows 7/8/8.1/10/11 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

Internal Speakers:	3Watts x2
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POWER

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

ADDITIONAL HARDWARE

Kensington Lock Slot:	1
Cable Organization:	Yes

CONTROLS

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

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
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INPUT SIGNAL

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

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

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

WEIGHT (IMPERIAL)

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

WEIGHT (METRIC)

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

DIMENSIONS (IMPERIAL) (WXHxD)

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)

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

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