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 reponse times compared to traditonal 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
High Dynamic Range:	HDR10
Light Source:	LED
Brightness:	350 cd/m² (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
Variable Refresh Rate Technology:	FreeSync Premium, G-Sync compatible
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 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

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

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)

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, RCM, GEMS, VCCI, PSE, KC, K-MEPS, BIS
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