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 VX2428J. 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 VX2428J'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
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 (Typical GTG):	2.6ms
Response Time (GTG w/OD):	2.645ms
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
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 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
Cable Organization:	Yes

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

Height Adjust (mm):	130
Swivel:	30º
Tilt (Forward/Back):	-5º / 20º
Pivot (Right/Left):	90º / 0º

WEIGHT (IMPERIAL)

Net (lbs):	8.4
Net Without Stand (lbs):	6.1
Gross (lbs):	12.1

WEIGHT (METRIC)

Net (kg):	3.8
Net Without Stand (kg):	2.8
Gross (kg):	5.5

DIMENSIONS (IMPERIAL) (WXHXD)

Packaging (in.):	24 x 15.8 x 7.1
Physical (in.):	21.3 x 16.41~21.53 x 8.1
Physical Without Stand (in.):	21.3 x 12.7 x 1.7

DIMENSIONS (METRIC) (WXHXD)

Packaging (mm):	610 x 402 x 180
Physical (mm):	542 x 417~547 x 207
Physical Without Stand (mm):	542 x 323 x 44

GENERAL

Regulations:	CE, CE EMC, LVD/CB, RoHS, ErP, REACH, WEEE, EAC, UkrSEPRO, UKCA, RCM, GEMS, BIS
PACKAGE CONTENTS:	VX2428J x1, 3-pin Plug (IEC C13 / CEE22) x1, DisplayPort Cable (v1.2; Male-Male) x1, AC/DC Adapter x1, Quick Start Guide x1
PACKAGE CONTENTS (VSI):	VX2428J x1, 3-pin Plug (IEC C13 / CEE22) x1, DisplayPort Cable (v1.2; Male-Male) x1, AC/DC Adapter x1, Quick Start Guide x1
PACKAGE CONTENTS (VSE):	VX2428J x1, 3-pin Plug (IEC C13 / CEE22) x1, DisplayPort Cable (v1.2; Male-Male) x1, AC/DC Adapter x1, Quick Start Guide x1
PACKAGE CONTENTS (VSA):	VX2428J x1, 3-pin Plug (IEC C13 / CEE22) x1, DisplayPort Cable (v1.2; Male-Male) x1, AC/DC Adapter x1, Quick Start Guide x1
PACKAGE CONTENTS (VSCN):	VX2428J 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