



LCD DISPLAY

VA2456A-MHD

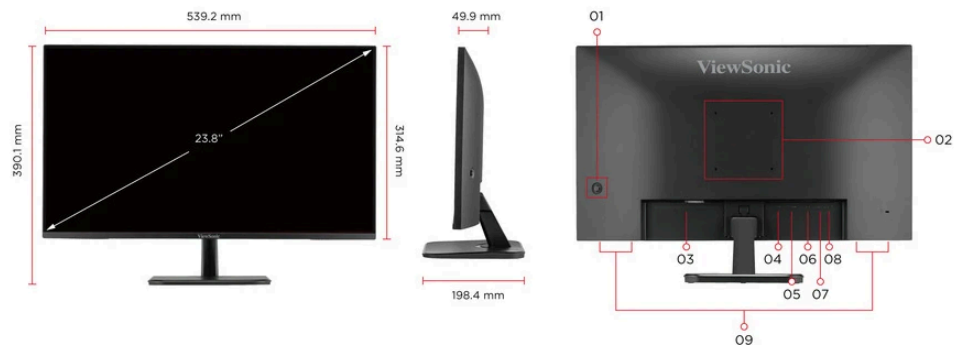
Key Features

- SuperClear® IPS panel
- 120Hz Variable Refresh rate delivers fluid visuals
- HDMI, VGA and DisplayPort inputs for flexible connectivity
- 1ms (MPRT) response time for precision
- Eye ProTech+ for always-on eye protection



Product Description

The ViewSonic VA2456A-MHD is a 24" Full HD IPS monitor featuring HDMI, VGA and DisplayPort inputs for business and home use. The optimal screen performance and comfortable viewing without tearing or stuttering is delivered through 120Hz variable refresh rate, Eye ProTech+ technology, and various ViewMode presets. Simply expand your workspace and experience truly seamless multitasking on just one screen with a VESA-compatible mount at a low power consumption.



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|--|--------------|
| 1. Joy Key | 7. Audio In |
| 2. VESA Compatible(Wall Mount 100 x 100mm) | 8. Audio Out |
| 3. Power In | 9. Speakers |
| 4. Display Port | |
| 5. HDMI | |
| 6. VGA | |

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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:	1,500:1 (typ)
Dynamic Contrast Ratio:	50M:1
Light Source:	LED
Brightness:	250 cd/m ² (typ)
Colors:	16.7M
Color Space Support:	8 bit (6 bit + FRC)
Aspect Ratio:	16:9
Response Time (MPRT):	1ms
Viewing Angles:	178° horizontal, 178° vertical
Backlight Life (Hours):	30000 Hrs (Min)
Curvature:	Flat
Refresh Rate (Hz):	120
Variable Refresh Rate Technology:	Yes
Low Blue Light:	Hardware and software solution
Flicker-Free:	Yes
Color Gamut:	NTSC: 80% size (Typ) sRGB: 113% size / 99% coverage (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

VGA:	1
3.5mm Audio In:	1
3.5mm Audio Out:	1
HDMI 1.4:	1
DisplayPort:	1
Power in:	3-pin Socket (IEC C14 / CEE22)

AUDIO

Internal Speakers:	2Watts x2
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POWER

Eco Mode (Conserve):	13W
Eco Mode (optimized):	16W
Consumption (typical):	18W
Consumption (max):	22W
Voltage:	AC 100-240V
Stand-by:	0.3W
Power Supply:	Internal Power Supply

ADDITIONAL HARDWARE

Kensington Lock Slot:	1
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CONTROLS

Physical Controls:	U, R, D, L, EN (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:	RGB Analog: 24 ~ 86KHz, HDMI (v1.4): 30 ~ 135KHz, DisplayPort (v1.2): 30 ~ 135KHz
Frequency Vertical:	RGB Analog: 48 ~ 75Hz, HDMI (v1.4): 48 ~ 120Hz, DisplayPort (v1.2): 48 ~ 120Hz

VIDEO INPUT

Digital Sync:	TMDS - HDMI (v1.4), PCI-E - DisplayPort (v1.2)
Analog Sync:	Separate - RGB Analog

ERGONOMICS

Tilt (Forward/Back):	-4° / 20°
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WEIGHT (IMPERIAL)

Net (lbs):	6.8
Net Without Stand (lbs):	6
Gross (lbs):	9

WEIGHT (METRIC)

Net (kg):	3.1
Net Without Stand (kg):	2.7
Gross (kg):	4.1

DIMENSIONS (IMPERIAL) (WXHXD)

Packaging (in.):	24 x 16.5 x 5.3
Physical (in.):	21.23 x 15.36 x 7.81
Physical Without Stand (in.):	21.23 x 12.39 x 1.96

DIMENSIONS (METRIC) (WXHXD)

Packaging (mm):	610 x 418 x 135
Physical (mm):	539.2 x 390.1 x 198.4
Physical Without Stand (mm):	539.2 x 314.6 x 49.9

GENERAL

Regulations:	cTUVus, FCC-B, ICES003, Energy Star, EPEAT, CEC, RoHS, WEEE
PACKAGE CONTENTS:	VA2456A-MHD x1, 3-pin Plug (IEC C13 / CEE22) x1, HDMI Cable (v1.4; 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
Power Management:	Energy Star standards, EPEAT