



Technical Information

Number of Screens

1

Viewable Screen Size

62.2 cm (24.5")

Screen Mode

Full HD

Panel Technology

Twisted nematic (TN)

Response Time

1 ms

Aspect Ratio

16:9

Horizontal Viewing Angle

170°

Vertical Viewing Angle

160°

Backlight Technology

Nitro KG1

Wall Mountable

Horizontal Frequency

193 kHz

Vertical Frequency

48 Hz to 165 Hz - DisplayPort

56 Hz to 120 Hz - DVI

56 Hz to 144 Hz - HDMI

Maximum Adjustable Height

No

Tilt Angle

-5° to 15°

Adjustable Display Pivot

No

Audio

Speakers

Yes

Speaker Output Power

2 W

Physical Characteristics

VESA Mount Compatible

Nitro KG1

100 x 100
Height 429.7 mm
Width 557.9 mm
Depth 56 mm
Height with Stand 429.70 mm
Width with Stand 557.90 mm
Depth with Stand 215.50 mm
Weight (Approximate) 3.70 kg
Weight with Stand (Approximate) 4.20 kg

Video

Maximum Resolution 1920 x 1080
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Nitro KG1

Colour Supported

16.7 Million Colours

Colour Depth

8-bit

Dynamic Contrast Ratio

100,000,000:1

Brightness

400 cd/m²

Tearing Prevention Technology

AMD FreeSync™ (DisplayPort VRR)

Color Gamut

72% NTSC

Native Contrast Ratio

1,000:1

Overclock Refresh Rate

165 Hz

Miscellaneous

Package Contents

1 x KG251Q J Widescreen LCD Monitor

1 x Displayport Cable

2 x Power Cord(EURO/UK)

Interfaces/Ports

HDMI

Yes

HDMI Version

1.4

Headphone

Yes

DisplayPort

Yes

Number of DisplayPorts

1

DVI

Yes

Power Description

Standby Power Consumption (Energy Star)

430 mW

Off-Mode Power Consumption (Energy Star)

300 mW

Maximum Power Consumption (Energy Star)

Nitro KG1

17.10 W

Input Voltage

120 V AC
230 V AC

Operating Power Consumption (EEL)

21 W