



# msi® MONITOR

## Optix MAG321QR



### SPECIFICATIONS

<b>Panel Size</b>	31.5"
<b>Panel Resolution</b>	2560 x 1440 (WQHD)
<b>Refresh Rate</b>	165Hz
<b>Response time</b>	1ms (MPRT)
<b>Panel Type</b>	IPS
<b>Brightness (nits)</b>	350 Nits (Typ ), 400 Nits (Peak)
<b>Viewing Angle</b>	178° (H) / 178° (V)
<b>Aspect Ratio</b>	16:9
<b>Curvature</b>	Flat
<b>Contrast Ratio</b>	1200 (Typ.)
<b>Active Display Area (mm)</b>	698.112(H) x 392.688(V)
<b>Pixel Pitch (H x V)</b>	0.272 (H) x 0.272 (V) mm
<b>Surface Treatment</b>	Anti-glare
<b>Display Colors</b>	1.07B
<b>DCI-P3 / sRGB</b>	93% / 127.1%
<b>Video ports</b>	1x DP out( Support 1440p@165Hz as specified in DP 1.2a) 2x HDMI out( Support 1440p@144Hz as specified in HDMI 2.0b) 1x USB 2.0 Type C (1.2a DP alt / PD 15W / USB 2.0)
<b>USB ports</b>	2x USB 2.0 Type A 1x USB 3.2 Gen1 Type B
<b>Audio ports</b>	1x Earphone out
<b>Kensington Lock</b>	Yes
<b>VESA Mounting</b>	100 x 100 mm
<b>Control</b>	5-way OSD navigation joystick
<b>Power Type</b>	External Adaptor 19V 4.74A
<b>Power Input</b>	100~240V, 50~60Hz
<b>DYNAMIC REFRESH RATE TECHNOLOGY</b>	G-sync Compatible
<b>ACTIVATED RANGE</b>	48 to 165Hz
<b>DCR</b>	100000000:1
<b>Power consumption</b>	32W
<b>Signal Frequency</b>	90.9 to 242.4KHz (H) 30 to 165Hz (V)
<b>Adjustment (Tilt)</b>	-5° ~ 20°
<b>Adjustment (Swivel)</b>	-45° ~ 45°
<b>Adjustment (Pivot)</b>	-

### FEATURES



#### IPS Panel

Optimize the screen colors and brightness to enhance your viewing experience.



#### Rapid Boost (165 + 1ms)

Experience smooth gaming with a blazing fast refresh rate and response time, that gives you the upperhand in fast moving games.



#### KVM

Control multiple devices via one set of keyboard, mouse, and MSI gaming monitor.



#### Gaming OSD APP

Customize and set the ultimate monitor modes with keyboard & mouse in a very easy way.

VESA CERTIFIED



#### VESA Certified DisplayHDR 400

Provide eye-catching detail through contrast and shadows adjustment.

DisplayHDR



#### HDMI CEC Profile

Use the console controller to wake up the screen with pre-set modes.



#### Night Vision

Smart black tuner to brighten your day by bringing out the fine details in dark areas.



<b>Adjustment (Height)</b>	0 ~ 130 mm
<b>Dimension (W x H x D)</b>	716.2 x 476.52 x 233.68 mm / 28.2 x 18.76 x 9.2 inch
<b>Carton Dimension (W X H X D)</b>	960x 550 x 158 mm / 37.8 x 21.65 x 6.22 inch
<b>Weight (NW / GW)</b>	8.23kg / 11.28kg 18.14lbs / 24.86lbs
<b>Frameless Design</b>	Yes
<b>PIP / PBP Function</b>	-
<b>Note</b>	Display Port: 2560 x 1440 (Up to 165Hz) Type C (DP alt.): 2560 x 1440 (Up to 165Hz) HDMI: 2560 x 1440 (Up to 144Hz) DCI-P3 and sRGB follow CIE1976 Standard

## CONNECTIONS



1. 5-way joystick navigator
2. 1x Display Port (1.2a)
3. 2x HDMI (2.0b)
4. 1x Type C (DP alt.)
5. 1x Earphone out
6. 1x USB 3.2 Gen1 Type B
7. 2x USB 2.0 Type A