



msi® MONITOR

Optix MAG321QR



SPECIFICATIONS

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

FEATURES



IPS Panel

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



Gaming OSD APP

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



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.



VESA CERTIFIED



DisplayHDR

VESA Certified DisplayHDR 400

Provide eye-catching detail through contrast and shadows adjustment.



Night Vision

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



HDMI CEC Profile

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



KVM

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



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Adjustment (Height)	0 ~ 130 mm
Dimension (W x H x D)	716.2 x 476.52 x 233.68 mm / 28.2 x 18.76 x 9.2 inch
Carton Dimension (W X H X D)	960x 550 x 158 mm / 37.8 x 21.65 x 6.22 inch
Weight (NW / GW)	8.23kg / 11.28kg 18.14lbs / 24.86lbs
Frameless Design	Yes
Console Mode	2K Resolution PS5™ Optimization FHD @ 120Hz * All trademarks and the registered trademarks are the property of their respective owners.
PIP / PBP Function	-
Note	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