



msi

MONITOR

Optix MPG321QRF-QD



SPECIFICATIONS

Panel Size	32" (81.29 cm)
Panel Resolution	2560 x 1440 (WQHD)
Refresh Rate	175Hz
Response time	1ms GTG
Panel Type	Rapid IPS
Brightness (nits)	400 nits (Typ), 600nits (HDR Peak)
Viewing Angle	178° / 178°
Aspect Ratio	16:9
Contrast Ratio	1000:1
Active Display Area (mm)	708.48 (H) x 398.52(V)
Pixel Pitch (H x V)	0.27675(H) x 0.27675(V)
Surface Treatment	Anti-glare
Display Colors	10.7B (8Bits+FRC)
DCI-P3 / sRGB	95% / 144%
Video ports	2x HDMI (Supports WQHD@144Hz as specified in HDMI 2.0b) 1x DP (Supports WQHD@175Hz as specified in DisplayPort 1.4a) 1x USB Type C (DP alt.)
USB ports	3x USB3.2 Gen 1 Type A 1x USB3.2 Gen 1 Type B
Audio ports	1x Mic-in 1x Headphone-out 1x Audio combo jack
Kensington Lock	Yes
VESA Mounting	100 x 100 mm
Control	5-way OSD navigation joystick
Power Input	100~240V, 50/60Hz
DYNAMIC REFRESH RATE TECHNOLOGY	G-sync Compatible
ACTIVATED RANGE	0 - 175 Hz
DCR	100000000:1
HDR Support	DisplayHDR 600
Power consumption	42W
Signal Frequency	48 to 175Hz
Adjustment (Tilt)	-5~20
Adjustment (Swivel)	-30~30
Adjustment (Height)	0~100mm
Dimension (W x H x D)	727 x 251 x 482 mm

FEATURES



Rapid IPS

Provides 1ms GTG fast response time, optimizes screen colors and brightness.



Rapid Boost (175Hz + 1ms)

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



WQHD (2560 x 1440)

Game titles will even look better, displaying more details due to the WQHD (2560 x 1440) resolution.



VESA Certified DisplayHDR 600

eye-catching detail through contrast and shadows adjustment.



Gaming Intelligence

A new dawn of AI gaming, including Smart Brightness, Smart Crosshair, Night Vision AI, and Sound Tune.



KVM

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



Console Mode

Best solution for console users: FHD@120Hz, 2K Resolution PS5™ Optimization.



Carton Dimension (W X H X D)	975 x 181 x 550 mm
Weight (NW / GW)	10.2 / 13.9 kg
Frameless Design	Yes
Console Mode	2K Resolution PS5™ Optimization FHD @ 120Hz * All trademarks and the registered trademarks are the property of their respective owners.
Compatibility	PC, Mac, PS5™, PS4™, Xbox, Mobile, Notebook *All trademarks and the registered trademarks are the property of their respective owners.
PIP / PBP Function	Yes
Note	Display Port: 2560 x 1440 Up to 175Hz) Type C (DP alt.): 2560 x 1440 (Up to 175Hz) HDMI: 2560 x 1440 (Up to 144Hz) The color gamut follows the CIE 1976 testing standard.

CONNECTIONS



1. 5-way joystick navigator
2. Micro Key
3. AC Power Jack
4. 1x HDMI w/ CEC (2.0b)
5. 1x HDMI (2.0b)
6. 1x Display Port (1.4)
7. 1x USB 2.0 Type C
8. 1x USB 3.2 Gen 1 Type B
9. 1x USB 3.2 Gen 1 Type A
10. Audio Combo Jack
11. Macro Key
12. Kensington Lock
13. 2x USB 3.2 Gen 1 Type A
14. Mic in
15. Earphone Out