



# msi MAG 321UP QD-OLED

GAMING MONITOR



## SPECIFICATIONS

Type / Size	31.5"(80.01cm)
Active Display Area (mm)	699.48(H) x 394.73(V)
Curvature	Flat
Panel Type	QD-OLED
Resolution	3840x2160 (UHD)
Pixel pitch	0.1814(H) x 0.1814(V)
Aspect Ratio	16:9
Brightness (nits)	250 (Typ.)
Contrast Ratio	1500000:1 (Typ.)
DCR (Dynamic Contrast Ratio)	N/A
Signal Frequency	30~390KHz (H) / 48 ~ 165Hz(V)
Refresh Rate	165Hz
Response Time	0.03ms (GtG)
Dynamic Refresh Rate	Adaptive-Sync
Activated Range	48~165Hz
HDR Support	DisplayHDR True Black 400
Video interface	1 x Display Port (1.4a) 2 x HDMI™ (2.1) 1 x Type-C (DP alt.) w/PD 15W
USB ports	N/A
Audio interface	1 x Headphone-out
View Angles	178° (H) / 178° (V)
ADOBE RGB / DCI-P3/ sRGB	97.5%/99%/138.2%
Surface Treatment	Anti-Reflection
Display Colors	1.07B, 10 bits
Power type	Power Cable
Power Input	100~240V, 50/60Hz
Adjustment (Tilt)	-5° ~ 15°
Adjustment (Swivel)	-30° ~ 30°
Adjustment (Pivot)	-10° ~ 10°
Adjustment (Height)	0 ~ 110 mm
Kensington Lock	Yes
VESA Mounting	100 x 100 mm
Dimension (W x D x H)	717 x 242 x 457mm 717 x 72 x 419mm (without stand)
Carton Dimension (W x D x H)	WW carton: 972 x 185 x 513mm Outer: 990 x 200 x 538mm
Weight (NW/ GW)	9.1kg / 11.8kg
Frameless Design	Yes
PIP/PBP Function:	Yes
Note	Display Port: 3840 x 2160 (Up to 165Hz) HDMI 2.1: 3840 x 2160 (Up to 165Hz) Type C (DP alt.): 3840 x 2160 (Up to 165Hz) and 15W PD charging Adobe RGB, DCI-P3 and sRGB follow CIE1976 Standard

## FEATURES



### QD-OLED Display

MSI's renowned QD tech, combined with the latest OLED panel technology, these displays exhibit the best picture quality and incredible high contrast when gaming



### 165Hz High Refresh Rate

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



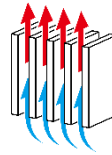
### 0.03ms Fast Response Time

Eliminate screen tearing and choppy frame rates with 0.03ms GtG response time.



### OLED Care 2.0

MSI developing a more advanced version to provide several care services and significantly reduce the chances of OLED screen aging.



### Custom Heatsink

Graphene film and customized heatsink designs, the synergy between these two elements enables monitor to operate without an active cooling fan, achieving a fanless design. This ensures efficient and silent heat dispersion, further extending the panel's lifespan.



### VESA DisplayHDR True Black 400

It has passed the VESA DisplayHDR True Black 400 Certification, meaning it can provide a display with the most realistic colors.

## CONNECTIONS



1. AC-in
2. 5-way Joystick Navigator
3. 2 x HDMI™ 2.1 (UHD@165Hz)
4. Display Port 1.4a
5. USB Type-C (PD 15W)
6. Earphone out
7. Kensington lock