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.
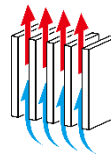
0.03ms Fast Response Time

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.
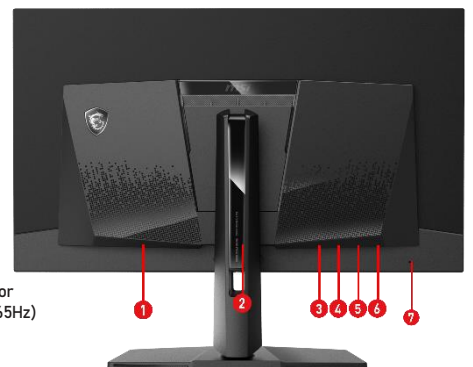
Custom Heatsink

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

TRUE GAMING