

MAG 321CUPDE QD-OLED







SPECIFICATIONS

| Panel Size | 31.5" |
|---------------------------------|---|
| Panel Resolution | 3840x2160 (UHD) |
| Refresh Rate | 165Hz |
| Panel Type | QD-OLED |
| Brightness (nits) | SDR: 250 HDR: 450 (Typ.) (True Black 400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) |
| Viewing Angle | 178°(H) / 178°(V) |
| Aspect Ratio | 16:9 |
| Curvature | Curve 1700R |
| Contrast Ratio | 1500000:1 (Typ.) |
| Active Display Area (mm) | 699.48 (H) x 394.73 (V) |
| Pixel Pitch (H x V) | 0.1814 (H) x 0.1814 (V) |
| Surface Treatment | Anti-Reflection |
| Display Colors | 1.07B, 10 bits |
| Adobe RGB / DCI-P3 / sRGB | 98% / 99% / 138% (CIE1976 Standard) |
| Response time | 0.03ms (GTG) |
| Video ports | 1x HDMI™ 2.1 (UHD@165Hz) 1x DisplayPort 1.4a 1x Type-C (DP alt.) w/ 15W PD |
| USB ports | N/A |
| Audio ports | 1x Headphone-out |
| Kensington Lock | Yes |
| VESA Mounting | 100 x 100 mm |
| Power Type | 100~240V, 50/60Hz |
| Power Input | 30~566KHz (H) / 48~240Hz (V) |
| DYNAMIC REFRESH RATE TECHNOLOGY | Adaptive-Sync |
| ACTIVATED RANGE | 48 ~ 165Hz |
| HDR Support | DisplayHDR True Black 400 |
| Signal Frequency | 30~390KHz (H) / 48 ~ 165Hz(V) |
| Adjustment (Tilt) | -5° ~ 15° |
| Adjustment (Swivel) | 30° ~ 30° |
| Adjustment (Height) | 0 ~ 100mm |
| Carton Dimension (W X D X H) | 975 x 185 x 513mm (38.4 x 7.2 x 20.2 inch) |
| Weight (NW / GW) | 8.0 kg (17.6 lbs) / 11.3 kg (24.9 lbs) |
| Frameless Design | Yes |
| | |

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 165Hz refresh rate, that gives you the upperhand in fast moving games



Fastest 0.03 Response time

Response time is much faster and smoother than conventional LCD displays. The response time is up to 0.03 ms GtG exceeds the most mainstream refresh rates requirements.



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



Graphene film with 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.

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| Dimension with Stand (W \times D \times H) | 714 x 318 x 473 mm (28.1 x 12.5 x 18.6 inch) |
|--|--|
| Dimension without Stand (W x D x H) | 714 x 123 x 423 mm (28.1 x 4.8 x 16.7 inch) |
| Note | HDMI™: 3840 x 2160 (Up to 165Hz) DisplayPort: 3840 x 2160 (Up to 165Hz) Type-C: 3840 x 2160 (Up to 165Hz) Support: HDMITM CEC, PIP/PBP; Non Support: KVM |
| Accessories | 1x HDMI [™] Cable (2.1), 1x DisplayPort Cable (1.4) |

CONNECTIONS

Warranty



1. 2x HDMI™ 2.1 (UHD@165Hz)

1x Power Cord (C13), 1x Quick Guide,

4x VESA Wall Mount Screw

3 years (including panel burn-in)

- 2. 1x DisplayPort 1.4a
- 3. 1x Type-C (DP alt.) w/ 15W PD
- 4. Headphone-out
- 5. AC-in
- 6. Kensington Lock