

MAG 321CUP QD-OLED







SPECIFICATIONS

| Panel Size | 31.5" |
|----------------------------------|---|
| Active Display Area (mm) | 699.48 (H) x 394.73 (V) |
| Curvature | Curve 1700R |
| Panel Type | QD-OLED |
| Panel Resolution | 3840x2160 (UHD) |
| Pixel Pitch (H x V) | 0.1814 (H) x 0.1814 (V) |
| Aspect Ratio | 16:9 |
| Brightness (nits) | SDR: 250 HDR: 450 (Typ.) (True Black 400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) |
| Contrast Ratio | 1500000:1 (Typ.) |
| Signal Frequency | 30~390KHz (H) / 48 ~ 165Hz(V) |
| ACTIVATED RANGE | 48 ~ 165Hz |
| Refresh Rate | 165Hz |
| Response time | 0.03ms (GTG) |
| DYNAMIC REFRESH RATE TECHNOLOGY | G-Sync Compatible |
| HDR Support | DisplayHDR True Black 400 |
| 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 |
| Viewing Angle | 178°(H) / 178°(V) |
| Adobe RGB / DCI-P3 / sRGB | 98% / 99% / 138% (CIE1976 Standard) |
| Surface Treatment | Anti-Reflection |
| Display Colors | 1.07B, 10 bits |
| Frameless Design | Yes |
| Power Type | 100~240V, 50/60Hz |
| Power Input | 30~566KHz (H) / 48~240Hz (V) |
| Adjustment (Tilt) | -5° ~ 15° |
| Adjustment (Swivel) | 30° ~ 30° |
| Adjustment (Height) | 0 ~ 100mm |
| Kensington Lock | Yes |
| VESA Mounting | 100 x 100 mm |
| Dimension with Stand (W x D x H) | 714 x 318 x 473 mm (28.1 x 12.5 x 18.6 inch) |

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.

MAG 321CUP QD-OLED

| Dimension without Stand (W x D x H) | 714 x 123 x 423 mm (28.1 x 4.8 x 16.7 inch) |
|-------------------------------------|---|
| Weight (NW / GW) | 8.0 kg (17.6 lbs) / 11.3 kg (24.9 lbs) |
| Carton Dimension (W X D X H) | 975 x 185 x 513mm (38.4 x 7.2 x 20.2 inch) |
| Accessories | 1x HDMI™ Cable (2.1), 1x DisplayPort Cable (1.4) 1x Power Cord (C13), 1x Quick Guide, 4x VESA Wall Mount Screw |
| 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 |
| Warranty | 3 years (including panel burn-in) |

CONNECTIONS



- 1. 2x HDMI™ 2.1 (UHD@165Hz)
- 2. 1x DisplayPort 1.4a
- 3. 1x Type-C (DP alt.) w/ 15W PD
- 4. Headphone-out
- 5. AC-in

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6. Kensington Lock