MONITORS

# MAG 321UPXB QD-OLED






## SPECIFICATIONS

| | |
|---|---|
| **Panel Size** | 31.5" |
| **Active Display Area (mm)** | 699.48(H) x 394.73(V) |
| **Curvature** | Flat |
| **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)** | 250 |
| **Contrast Ratio** | 1500000:1 |
| **Signal Frequency** | 31~585 KHz(H) / 48~360 Hz(V) |
| **ACTIVATED RANGE** | 48 ~ 240Hz |
| **Refresh Rate** | 240Hz |
| **Response time** | 0.03ms (GTG) |
| **DYNAMIC REFRESH RATE TECHNOLOGY** | Adaptive-Sync |
| **HDR Support** | DisplayHDR True Black 400 |
| **Video ports** | 1x Display Port (1.4a)<br>2x HDMI™ (4K@240Hz)<br>1x Type-C (DP alt.) w/ PD 15W charging |
| **Audio ports** | 1x Headphone-out |
| **Viewing Angle** | 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 ~ 100mm |
| **Kensington Lock** | Yes |
| **Dimension (W x D x H)** | 717 x 242 x 477 mm<br>717 x 72 x 419 mm (without stand) |
| **Carton Dimension (W X D X H)** | WW carton: 972 x 185 x 513 mm<br>Outer: 1200 x 250 x 540 mm |
| **Frameless Design** | Yes |
| **VESA Mounting** | 100 x 100 mm |
| **Weight (NW / GW)** | 9.1 kg /11.4 kg |

## FEATURES

**240Hz Extremely High Refresh Rate**

Experience smooth gaming with a blazing fast 240Hz refresh rate, that gives you the upper hand in fast moving games.

**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.

**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.

**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

**OLED Care 2.0**

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.

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| | |
|---|---|
| **PIP / PBP Function** | N/A |
| **Note** | Display Port: 3840 x 2160 (Up to 240Hz)<br>HDMI™: 3840 x 2160 (Up to 240Hz)<br>Type C(DP alt.): 3840 x 2160 (Up to 240Hz) and 15W PD charging *sRGB and DCI-P3 follow CIE1976 standard |
| **Warranty** | 3 years (including panel burn-in) |

## CONNECTIONS



1. AC Power Jack
2. 5-way Joystick Navigator
3. 2 x HDMI ™ 2.1(4K@240Hz)
4. Display Port 1.4a
5. USB Type-C (PD 15W)
6. Earphone out
7. Kensington lock

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