

# **MPG 321URX 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 (Typ.)  |
| Contrast Ratio                  | 1500000:1 (Typ.)  |
| DCR                             | N/A   |
| Signal Frequency                | 104.88~565.44 KHz(H) / 48~240.39<br>Hz(V)   |
| ACTIVATED RANGE                 | 48 ~ 240Hz  |
| Refresh Rate                    | 240Hz   |
| Response time                   | 0.03ms (GtG)  |
| DYNAMIC REFRESH RATE TECHNOLOGY | AMD FreeSync™ Premium Pro   |
| HDR Support                     | DisplayHDR True Black 400   |
| Video ports                     | 1 x DisplayPort 1.4a<br>2 x HDMI™ 2.1 (4K@240Hz)<br>1 x Type-c (DP alt.) w/PD 90W |
| USB ports                       | 2 x USB 2.0 Type-A<br>1 x USB 2.0 Type-B  |
| Audio ports                     | 1 x Headphone-out   |
| Viewing Angle                   | 178°(H) / 178°(V)   |
| Adobe RGB / DCI-P3 / sRGB       | 97% / 99% / 138%  |
| 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 ~ 110mm   |
| Kensington Lock                 | Yes   |
| Dimension (W x D x H)           | 718 x 242 x 483 mm<br>718 x 69 x 418 mm (without stand)                           |
| Carton Dimension (W X D X H)    | WW carton: 975 x 185 x 515 mm<br>Outer: 995 x 195 x 540 mm                        |

## **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



## 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.



## 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.



# **Gaming Intelligence**

A new dawn of AI gaming, including Smart Brightness, Smart Crosshair, Night Vision AI, and Sound Tune.



## **USB Type-C Power Delivery 90W**

Built-in an USB Type-C connection with 90W power delivery allows you to effortlessly connect to and charge your devices.



## 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



# MONITORS MPG 321URX QD-OLED

| Frameless Design   | Yes   |
|--------------------|---|
| PIP / PBP Function | N/A   |
| VESA Mounting      | 100 x 100 mm  |
| Weight (NW / GW)   | 9.6 Kg/ 12.3 Kg   |
| Note               | Display Port: 3840 x 2160 (Up to 240Hz) HDMI™ 2.1: 3840 x 2160 (Up to 240Hz) Type C(DP alt.): 3840 x 2160 (Up to 240Hz) and 90W PD charging |
| Warranty           | 3 years (including panel burn-in)   |

# **CONNECTIONS**



© 2024 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved.

- 1. Earphone out
- $2.~2~x~HDMI^{\scriptscriptstyle{\text{TM}}}~2.1(4K@240Hz)$
- 3. Display Port 1.4a
- 4. USB Type-C (PD 90W)
- 5. USB 2.0 Type-B
- 6. 2 x USB 2.0 Type-A
- 7. 5-way Joystick Navigator
- 8. AC Power Jack
- 9. Kensington lock