

# **MPG 321URXW QD-OLED**







## **SPECIFICATIONS**

Adobe RGB / DCI-P3 / sRGB	97% / 99% / 138%
DYNAMIC REFRESH RATE TECHNOLOGY	G-Sync Compatible
ACTIVATED RANGE	48~240Hz
Adjustment (Swivel)	-30° ~ 30°
Carton Dimension (W X D X H)	975 x 185 x 515 mm (38.3 x 7.2 x 20.2 inch)
Panel Size	31.5"
Aspect ratio	16:9
Panel Resolution	3840 x 2160 (UHD)
Pixel Pitch (H x V)	0.1814 (H) x 0.1814 (V)
Refresh Rate	240Hz
Response time	0.03ms (GtG)
Viewing angle	178°(H) / 178°(V)
Dimension with Stand (W x D x H)	718 x 242 x 483 mm (28.2 x 9.5 x 19.0 inch)
Curved	Flat
Dimension without Stand (W x D x H)	718 x 69 x 418 mm (28.2 x 2.7 x 16.4 inch)
Brightness	SDR: 250 HDR: 450 (Typ.) (True Black 400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL)
Brightness  Contrast Ratio	400 with 10% APL) 1000 (Typ.) (Peak
	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL)
Contrast Ratio	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) 1500000:1 (Typ.)
Contrast Ratio Adjustment (Pivot)	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) 1500000:1 (Typ.) -10° ~ 10°
Contrast Ratio Adjustment (Pivot) Frameless Design	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) 1500000:1 (Typ.) -10° ~ 10° Yes
Contrast Ratio Adjustment (Pivot) Frameless Design Weight	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL)  1500000:1 (Typ.)  -10° ~ 10°  Yes  9.6 kg ( 21.1 lbs) / 12.3 kg ( 27.1 lbs)
Contrast Ratio Adjustment (Pivot) Frameless Design Weight Panel Type	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) 1500000:1 (Typ.) -10° ~ 10° Yes 9.6 kg ( 21.1 lbs) / 12.3 kg ( 27.1 lbs) QD-OLED
Contrast Ratio Adjustment (Pivot) Frameless Design Weight Panel Type DCR	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) 1500000:1 (Typ.) -10° ~ 10° Yes 9.6 kg ( 21.1 lbs) / 12.3 kg ( 27.1 lbs) QD-OLED N/A
Contrast Ratio Adjustment (Pivot) Frameless Design Weight Panel Type DCR Active Display Area (mm)	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) 1500000:1 (Typ.) -10° ~ 10° Yes 9.6 kg ( 21.1 lbs) / 12.3 kg ( 27.1 lbs) QD-OLED N/A 699.48(H) x 394.73(V)
Contrast Ratio Adjustment (Pivot) Frameless Design Weight Panel Type DCR Active Display Area (mm) Surface Treatment	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) 1500000:1 (Typ.) -10° ~ 10° Yes 9.6 kg ( 21.1 lbs) / 12.3 kg ( 27.1 lbs) QD-OLED N/A 699.48(H) x 394.73(V) Anti-Reflection
Contrast Ratio Adjustment (Pivot) Frameless Design Weight Panel Type DCR Active Display Area (mm) Surface Treatment Display Colors	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) 1500000:1 (Typ.) -10° ~ 10° Yes 9.6 kg ( 21.1 lbs) / 12.3 kg ( 27.1 lbs) QD-OLED N/A 699.48(H) x 394.73(V) Anti-Reflection 1.07B ,10 bits 1 x DisplayPort 1.4a 2 x HDMI™ 2.1 (UHD@240Hz)
Contrast Ratio Adjustment (Pivot) Frameless Design Weight Panel Type DCR Active Display Area (mm) Surface Treatment Display Colors Video ports	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) 1500000:1 (Typ.) -10° ~ 10° Yes 9.6 kg ( 21.1 lbs) / 12.3 kg ( 27.1 lbs) QD-OLED N/A 699.48(H) x 394.73(V) Anti-Reflection 1.07B ,10 bits 1 x DisplayPort 1.4a 2 x HDMI™ 2.1 (UHD@240Hz) 1 x Type-C (DP alt.) w/PD 90W 2 x USB 2.0 Type-A
Contrast Ratio Adjustment (Pivot) Frameless Design Weight Panel Type DCR Active Display Area (mm) Surface Treatment Display Colors Video ports USB ports	400 with 10% APL) 1000 (Typ.) (Peak 1000 with 3% APL) 1500000:1 (Typ.) -10° ~ 10° Yes 9.6 kg ( 21.1 lbs) / 12.3 kg ( 27.1 lbs) QD-OLED N/A 699.48(H) × 394.73(V) Anti-Reflection 1.07B ,10 bits 1 × DisplayPort 1.4a 2 × HDMI™ 2.1 (UHD@240Hz) 1 × Type-C (DP alt.) w/PD 90W 2 × USB 2.0 Type-A 1 × USB 2.0 Type-B

# **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



## 180Hz High Refresh Rate

180 Hz Experience smooth gaming with 180Hz refresh rate, that gives you the upperhand in fast moving games.



### 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

ms 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



# **Gaming Intelligence**

A new dawn of AI gaming, including Smart Brightness, Smart Crosshair, Night Vision Al, 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 lifespan.

# MPG 321URXW QD-OLED

Power Type	Internal Power Board
Power Input	100-240V~ 50/60Hz
Signal Frequency	104.88~565.44 KHz(H) / 48~240.39 Hz(V)
Adjustment (Tilt)	-5° ~ 15°
Adjustment (Height)	0 ~ 110 mm
Note	Display Port: 3840 x 2160 (Up to 240Hz) HDMI™: 3840 x 2160 (Up to 240Hz) Type C(DP alt.): 3840 x 2160 (Up to 240Hz) and 90W PD charging Support: HDMI™ CEC, KVM, PIP/PBP
HDR Support	DisplayHDR True Black 400
PIP / PBP Function	Yes
Accessories	1x HDMI™ Cable (2.1), 1x DisplayPort Cable (1.4a), 1x Power Cord (C13), 1x Quick Guide, 1x USB Type-B to A Cable, 4x VESA Wall Mount Screw
Warranty	3 years (including panel burn-in)

# **CONNECTIONS**



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- 1. Earphone out
- 2. 2 x HDMI  $^{\text{\tiny TM}}$  (2.1)
- 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