MONITORS

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	NVIDIA G-SYNC Compatible AMD FreeSync™ Premium Pro
HDR Support	DisplayHDR True Black 400
Video ports	2x 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	Internal Power Board
Power Input	100~240V, 50/60Hz
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.

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.

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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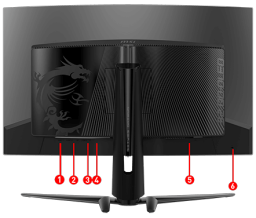
Dimension without Stand (W x D x H)	714 x 123 x 423 mm (28.1 x 4.8 x 16.7 inch)
Weight (NW / GW)	8.0 kg (17.6 lbs) / 11.3 kg (24.9 lbs)
Carton Dimension (W X D X H)	975 x 185 x 513mm (38.4 x 7.2 x 20.2 inch)
Accessories	1x HDMI™ Cable (2.1), 1x DisplayPort Cable (1.4) 1x Power Cord (C13), 1x Quick Guide, 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
6. Kensington Lock

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