MONITORS

MPG 491CQP QD-OLED







SPECIFICATIONS

Panel Size	49" (124.46 cm)
Active Display Area (mm)	1196.7(H) x 339.2(V)
Curvature	Curve 1800R
Panel Type	QD-OLED
Panel Resolution	5120 x 1440 (DQHD)
Pixel Pitch (H x V)	0.233(H) x 0.233(V)
Aspect Ratio	32:9
Brightness (nits)	250 (Typ.)
Contrast Ratio	1500000:1 (Typ.)
DCR	N/A
Signal Frequency	232.2~234.4 KHz(H) / 48~144 Hz(V)
ACTIVATED RANGE	48~144Hz
Refresh Rate	144Hz
Response time	0.03ms (GtG)
DYNAMIC REFRESH RATE TECHNOLOGY	AMD FreeSync™ Premium Pro
HDR Support	DisplayHDR True Black 400
Video ports	1x DisplayPort (1.4a) 2x HDMI™ 2.1 1 x Type-c (DP alt.) w/PD 90W
USB ports	2x USB 2.0 Type A 1x USB 2.0 Type B
Audio ports	1 x Headphone-out
Viewing Angle	178° (H) / 178° (V)
Adobe RGB / DCI-P3 / sRGB	98% / 99% / 146%
Surface Treatment	Anti-Reflection
Display Colors	1.07B ,10 bits
Frameless Design	Yes
PIP / PBP Function	Yes
Power Type	Power Cable
Power Input	100~240V, 50/60Hz
Adjustment (Tilt)	-5° ~ 20°
Adjustment (Swivel)	-30° ~ 30°
Adjustment (Height)	0 ~ 100mm
Kensington Lock	Yes
VESA Mounting	100 x 100 mm
Weight (NW / GW)	10.3kg / 16kg
Dimension (W x D x H)	1195 x 328 x 410 mm 1195 x 190 x 372 mm (without stand)

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

144Hz High Refresh Rate

Experience smooth gaming with a blazing fast 144Hz 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.

Gaming Intelligence APP

Customize and set the ultimate monitor modes with keyboard & mouse in a very easy way. Easily activate useful function in game and take advantages.

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.

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Carton Dimension (W X D X H)	WW carton: 1332 x 286 x 493 mm Outre: 1350 x 301 x 520 mm
Note	Display Port: 5120 x 1440 (Up to 144Hz) HDMI™ 2.0: 5120 x 1440 (Up to 144Hz) *Adobe RGB, DCI-P3 and sRGB 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)
4. DisplayPort (1.4a)
5. USB Type-C (PD 90W)
6. 2 x USB 2.0 Type-A
7. USB 2.0 Type-B
8. Earphone out
9. Kensington lock

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