



msi

MAG

491CQPX QD-OLED

GAMING MONITOR



SPECIFICATIONS

Type / Size	49"
Active Display Area (mm)	1196.7 (H) x 339.2 (V)
Curvature	Curve 1800R
Panel Type	QD-OLED
Resolution	5120x1440 (DQHD)
Pixel Pitch	0.233 (H) x 0.233 (V)
Aspect Ratio	32:9
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.)
DCR (Dynamic Contrast Ratio)	N/A
Signal Frequency	30~390 KHz (H) / 48~240Hz (V)
Refresh Rate	240Hz
Response Time	0.03ms (GtG)
Dynamic Refresh Rate	G-SYNC Compatible
Activated Range	48~240Hz
HDR (High Dynamic Range)	DisplayHDR True Black 400
View Angles	178° (H) / 178° (V)
ADOBE RGB / DCI-P3 / sRGB	98% / 99% / 146% (CIE1976 Standard)
Surface Treatment	Anti-Reflection
Display Colors	1.07B, 10 bits
Video Interface	2x HDMI™ 2.1 (DQHD@240Hz) 1x DisplayPort 1.4a 1x Type-C (DP alt.) w/ 98W PD
Audio Interface	1x Headphone-out
USB Interface	2x USB 2.0 Type-A 1x USB 2.0 Type-B
Power type	Internal Power Board
Power Input	100~240V, 50/60Hz
Adjustment (Tilt)	-5° ~ 20°
Adjustment (Swivel)	-30° ~ 30°
Adjustment (Pivot)	N/A
Adjustment (Height)	0 ~ 100 mm
Kensington Lock	Yes
VESA Mounting	100 x 100 mm
Dimension with Stand (W x D x H)	1195 x 328 x 410 mm (47.0 x 12.9 x 16.1 inch)
Dimension without Stand (W x D x H)	1195 x 190 x 372 mm (47.0 x 7.48 x 14.64 inch)
Weight (NW / GW)	10.6kg (23.3 lbs) / 16.4kg (36.1 lbs)
Carton Dimension (W x D x H)	1333 x 286 x 493 mm (52.4 x 11.2 x 19.4 inch)
Accessory	1x HDMI™ Cable (2.1), 1x DisplayPort Cable (1.4a), 1x USB Type-B to A Cable, 1x Power Cord (C13), 1x Quick Guide, 4x VESA Wall Mount Screw
Note	HDMI™: 5120 x 1440 (Up to 240Hz) DisplayPort: 5120 x 1440 (Up to 240Hz) Type-C: 5120 x 1440 (Up to 240Hz) Support: HDMI™ CEC, KVM, PIP/PBP

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 High Refresh Rate



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

0.03ms Fast Response Time



Eliminate screen tearing and choppy frame rates with 0.03ms GtG response time.

OLED Care 2.0



MSI developing a more advanced version to provide several care services and significantly reduce the chances of OLED screen aging.

Gaming Intelligence APP



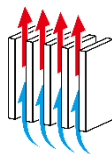
Customize and set the ultimate monitor modes with keyboard & mouse in a very easy way. Easily activate useful function in game and take advantages.

Type-C 98W PD



Built-in an USB Type-C connection with 98W 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.

CONNECTIONS



1. AC-in
2. 5-way Joystick Navigator
3. 2 x HDMI 2.1 (DQHD@240Hz)
4. Display Port 1.4a
5. USB Type-C PD 98W
6. 2 x USB 2.0 Type-A
7. USB 2.0 Type-B
8. Earphone out
9. Kensington lock