PORSCHE DESIGN | AGON BY AOC

Precision at its finest.

reddot winner 2023

iF DESIGN AWARD 2023

PROVEN BY
PD49

QD OLED | DUAL-QHD @ 5120 X 1440 PX | **240HZ** | 0.03MS RESPONSE TIME
1800R CURVED | **VESA DISPLAYHDR TRUE BLACK 400** | CLEARMR 13000
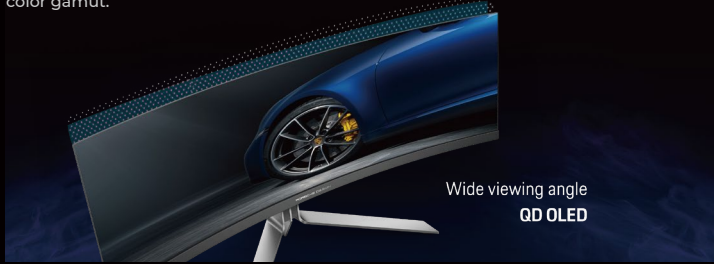**HDMI 2.1 X 2** | Displayport 1.4 | **USB-C (90W)** | RJ45

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FEATURES

QD OLED
The Pinnacle of Display Innovation

QD-OLED harnesses the power of quantum dots to achieve unparalleled color accuracy and brightness. Unlike traditional displays, QD-OLED leverages quantum dots that emit their own light, enabling a wide range of precise colors at an exceptional contrast ratio. With blue light as its source and a QD light-emitting layer that breathes life into colors, QD-OLED achieves remarkable luminance while preserving high color purity and a wide color gamut.

Wide viewing angle
QD OLED

DisplayHDR
Optimized for Unparalleled Visual Quality

High Dynamic Range (HDR) displays deliver better contrast and color accuracy, as well as more vibrant colors, compared to Standard Dynamic Range (SDR) displays. The DisplayHDR True Black 400 variant is particularly tailored for OLED displays, representing a major advancement in visual technology. Leveraging the individual pixel dimming capability of OLED monitors, DisplayHDR True Black 400 delivers substantially deeper black levels, expanded dynamic range, and improved rise time, resulting in an incredible visual treat.

DUAL QHD
Ultra Clear Sensation with 5K Resolution

With a stunning 5120 x 1440 Dual QHD 5K solution, this monitor brings your favorite colors, video and images to life. Perfect for movies and gaming, the 5K display delivers immaculate clarity for even the most pixel-packed visuals. Images and videos look even more gorgeous with Picture-by-Picture (PBP), which technically splits the screen into two.

240Hz 0.03ms
Become a Gaming-Optimized Weapon for your Team with 240Hz and 0.03ms

With 240Hz monitors being the standard in professional e-sport tournaments and competitions, embrace team solidarity and enjoy an ultra-smooth experience with the incredible responsive of 240Hz and 0.03ms, honing your sharpness and gaming abilities to the next level, especially where optimal team collaboration is required.

60HZ
5MS

240 HZ
0.03 MS

ADAPTIVE SYNC
A universally respected anti-tearing solution

Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

ADAPTIVE SYNC

LOW INPUT LAG
Connecting your eyes with your hands

Unleash your reflexes by switching to AOC Low Input Lag mode. Forget graphical frills: this mode rewires the monitor in favor of raw response time, giving you the ultimate edge in a hair-trigger standoff.

SHADOW CONTROL
Contrast and clarity in one

Bring the battle out of the shadows with Shadow Control! Brighten dark areas or sink them back into blackness on the fly, without affecting the rest of the display.

GAME MODE
Optimize your game settings

Enhances color and sharpness for different game styles. Six modes to select: FPS, Racing, RTS, Gamer1, Gamer2, Gamer3 and Off.

dts Sound
Built-in audio of comforting quality

With DTS audio tuning technology, you can enjoy a theatre-like audio experience from your screen without needing to buy extra speakers or headphones.

HDMI
HDMI 2.1 expands the limits of possibility

HDMI 2.1 brings faster and variable refresh rates and amazing 48Gbps transmission bandwidth, for reduced or eliminated lag, stutter and frame tearing, plus higher resolution, higher frame rates, and smooth, fluid and detailed up to 4K120Hz gaming experience.

SPECIFICATIONS

Model Name	PD49
Panel	49" (OLED 1800R)
Pixel Pitch (mm)	0.233 (H) × 0.233 (V)
Effective Viewing Area (mm)	1196.7 (H) × 339.2 (V)
Brightness (typical)	250cd/m² (100% APL), 450 cd/m²(Typ.) (10% APL) 1000 cd/m²(Typ.) (HDR 3% APL)
Contrast Ratio	1,500,000:1 (Typical)
Response Time	0.03ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	Adobe 98% (CIE1976) / sRGB 100% (CIE1931) / DCI-P3 99% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	5120 × 1440 @ 240Hz – DisplayPort1.4+DSC, HDMI2.1, USB-C
Display Colors	1.073 Billion
Signal Input	HDMI 2.1 × 2, DisplayPort 1.4 × 1, USB-C (DP Alt, 90W) × 1, RJ45 × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	USB3.2 Gen1 × 4
Power Supply	Internal 100 - 240V~ 4.5A, 50 / 60Hz
Power Consumption (typical)	130W
Speakers	DTS 8W × 2
Line in & Earphone	Earphone × 1
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Swivel: -20° ~ 20°, Tilt: -5° ~ 15°
Product without Stand (mm)	373.8 (H) × 1191.8 (W) × 160.7 (D)
Product with Stand (mm)	431.5 ~ 561.5 (H) × 1191.8 (W) × 388.3 (D)
Packaging (mm)	506 (H) × 1310 (W) × 565 (D) (Internal) 542 (H) × 1334 (W) × 586 (D) (Outer)
Product without Stand (kg)	11.15
Product with Stand (kg)	15.78
Product with Packaging (kg)	25.85
Cabinet Color	Black & Grey
Regulatory Approvals	CE / CB / FCC / BSMI

Design and Specifications are subject to change without notice.

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