# PD49

### Dive into Innovation with the 5K DQHD magic on a 49" QD-OLED panel

Discover the ultimate blend of the best design experience and forefront performance. This premium monitor redefines the gaming experience, offering a 5K DQHD resolution, a massive 49" QD-OLED display, and a lightning-fast 240Hz refresh rate. The 1800 curvature design ensures complete immersion, while a peak brightness of 1000 nits delivers a stunning HDR experience with vibrant colors and contrast. Beyond gaming, the PD49 enhances your home office with USB-C connectivity, an ergonomic stand, and convenient KVM and USB Hub features. Crystal-clear audiovisuals, high-quality speakers, and PC-HDR TB 400 certification elevate your work and play. The PD49 draws inspiration from the exclusive Porsche 911 edition, featuring design elements reminiscent of the iconic Porsche 911 S 2.4 Targa from the brand's founding year of 1972. This historical masterpiece, faithfully restored by Porsche Classic, serves as a timeless muse for the monitor's sleek and premium design. Welcome to a realm where every pixel tells a story of elegance and power.

| GENERAL | |
|---|---|
| Model Name | PD49 |
| Brand | AOC |
| Channel | Gaming |
| Product type | Monitor |
| Product line | AGON PRO |
| Design family | PD |

## GAMING FEATURES

| | |
|---|---|
| Gaming style | Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing |
| Game mode | RTS, FPS, Racing, Gamer 1, Gamer 2, Off |
| Gaming convenience | G-menu |
| Low Input Lag | Yes |
| Game Colour | Yes |
| Shadow Control | Yes |
| Crosshair / Dial Point | Yes |
| Frame Counter | Yes |
| Good for Console Gaming | Yes |
| Console Compatibility | 2560x1440@120Hz |
| PS5 Compatibility | 2560x1440@120Hz |
| Xbox X Compatibility | 2560x1440@120Hz |
| Xbox S Compatibility | 2560x1440@120Hz |

## OTHER INFORMATION

| | |
|---|---|
| EAN | 4056487052403 |
| OSD languages | English, Ukranian, Turkish, Polish, German, Portuguese, Spanish, French, Finnish, Korean, Japanese, Chinese (simplified), Chinese (traditional), Swedish, Dutch, Italian, Kroatian, Russian, Czech |
| Warranty period | 3 years |
| Accessory box | Yes |
| Operation System | Windows 8.1/10/11, MacOS |
| OSD type | AOC PDAG |

## DISPLAY INFORMATION

| | |
|---|---|
| Screen size (inch) | 49 |
| Screen size (cm) | 124 |
| Flat / Curved | Curved |
| Curvature Radius | 1800R |
| Display hardness | 2H |
| Panel treatment | Glossy |
| Pixels per Inch | 108.5 |
| Panel resolution | 5120x1440 |
| Resolution name | DQHD |
| Aspect ratio | 32:9 |
| Panel type | QD - OLED |
| Max Refresh rate | 240 Hz |
| Response time GtG | 0.03 ms |
| Static contrast ratio | 1.5M:1 |
| Dynamic contrast ratio | 80M:1 |
| Viewing angle (CR10) | 178/178 |
| Display colours | 1.073B (10 bits) |
| Brightness in nits | 1000 cd/m2 |
| OD Response (typical) | 0.03 ms GtG |

## VIDEO FEATURES

| | |
|---|---|
| Sync technology (VRR) | Freesync Premium Pro |
| G-Sync compatible | Yes |
| Sync range | 48-240 |
| Digital Signal Frequency Vertical | 48~240Hz |
| Digital Signal Frequency Horizontal | 30K~390KHz |
| HDR (High Dynamic Range) | VESA Certified DisplayHDR™ True Black 400 |
| Blue Light Technology | Low Blue Light |
| Multiview (PbP, PiP) | PiP+PbP |
| Colour space (sRGB) CIE 1976 % | 144.4 |
| Colour space (DCI-P3) CIE 1976 % | 98.5 |
| Colour space (Adobe RGB) CIE 1976 % | 98.1 |
| Colour space (BT 2020) CIE 1976 % | 83.4 |
| Flicker-Free | Flicker Free |
| KVM | 1x USB3.2 Gen 1 type C + 1x type B |
| Delta E<2 (sRGB) | Delta E<2 (sRGB) |

## CABINET INFORMATION

| | |
|---|---|
| Bezel type (front) | 3-sided frameless |
| Bezel Colour (front) | Black |
| Bezel finishing (front) | Texture |
| Cabinet colour (backside) | Black, Silver |
| Cabinet finishing (backside) | Texture |
| Light FX (RGB) | Yes |
| Removable stand | Yes |
| Speakers | Yes |
| Speaker power | 8W x 2 + DTS |
| Kensington Lock | Yes |
| Vesa wallmount | 100x100 |
| Quick release function | Yes |
| Sound enhancement | DTS Sound |

## ERGONOMIC INFORMATION

| | |
|---|---|
| Tilt | 3° ±2° ~ 13° ±2° |
| Height adjust (mm) | 130mm |
| Swivel | 20° ±2° ~ 20° ±2° |

## CONNECTIVITY INFORMATION

| | |
|---|---|
| HDMI | HDMI 2.1 x 2 |
| DisplayPort | DisplayPort 1.4 x 1 |
| USB-C connectivity | USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 90 W) |
| USB Hub | Yes |
| USB Hub speed | USB 3.2 (Gen 1) |
| USB downstream ports | 4 |
| Audio Output | Headphone out (3.5mm) |
| RJ45 | 1x 10M/100M/1G/2.5G |

## POWER CONSUMPTION

| | |
|---|---|
| Power supply | Internal |
| Power source | 100 - 240V 50/60Hz |
| Power consumption on (maximum) in watts | 330 |
| Power consumption on (typical) in watts | 130 |
| Power consumption standby in watts | 0.5 |
| Power consumption off in watts | 0.3 |
| Power LED indicator (Operation) | White/Blue |
| Power LED indicator (Standby) | Orange |
| Smart Power | Yes |

## PRODUCT DIMENSIONS

| | |
|---|---|
| Product dimensions incl. base (WxHxD) mm | 1191.8 x (431.5-561.5) x 388.3 |
| Product dimensions excl. base (WxHxD) mm | 1191.8 x 373.8 x 160.7 |
| Packaging dimensions (WxHxD) mm | 1310 x 506 x 565 |
| Gross weight incl. package (in kg) | 29.53 |
| Net weight excl. package (in kg) | 15.78 |
| Product without stand (kg) | 11.15 |

## WHAT'S IN THE BOX

| | |
|---|---|
| HDMI cable | 1x |
| Displayport cable | 1x |
| USB-B upstream cable | 1.8 |
| USB-C to C/A cable | 1.5 |
| Power Cable | Yes |

## MAXIMUM RESOLUTION BY CONNECTOR

| | |
|---|---|
| Optimal Resolution DP | 5120x1440@240Hz |
| Optimal Resolution HDMI | 5120x1440@240Hz |
| Optimal Resolution USB-C | 5120x1440@240Hz |

## SUSTAINABILITY

| | |
|---|---|
| Carton material | EPE |
| Carton material print | Color Print |