AGON BY AOC

DESIGNED TO STAND ANY CHALLENGE

POWERED BY

PD49



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.

- 240Hz
- Display HDR TB 400
- Adaptive Sync
- USB-C
- iF Design Award
- Red Dot Award
- QD OLED panel
- Professional Gaming Connectivity
- HDMI Display Port
- Stereo Speaker 8W X2 with DTS Sound
- WVA QD OLED
- DQ HD 5120x1440
- 1800 Curved
- RJ45
- Adjustable Stand
- OSD Boot
- 0.03ms GtG Response Time
- 1.07B Colors
- DCI-P399%

240HZ

It supports high refresh rates up to 240 Hz, which can deliver smooth and responsive gameplay with minimal input lag and motion blur. You can also take advantage of Adaptive-Sync technologies like G-Sync or FreeSync to eliminate screen tearing and stuttering.





DISPLAY HDR TB 400

It is compatible with most modern graphics cards and devices that support DisplayPort 1.4 or HDMI 2.1. You can easily connect your PC, laptop, console, or streaming device to a DQHD monitor and enjoy its benefits.

ADAPTIVE SYNC

Adaptive Sync aligns your monitor's vertical refresh rate with the frame rate delivered by your GPU, making your gameplay and casual gaming experience even more fluid by eliminating stuttering, tearing and judder. This feature is also useful when enjoying videos and other visual media, for a smoother entertainment.



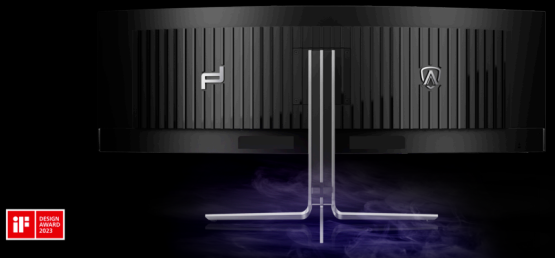


USB-C

Enjoy the best of both worlds: versatility and performance. Whether you want to connect to a 4K monitor, a high-speed network, or a powerful peripheral, you can do it all with one device. More connectivity with USB C, HDMI 2.1, DP1.4, USB 3.2, RJ45 2.5GB Ethernet, you can unleash the full potential of your PD49

IF DESIGN AWARD

The iF Design Award-winning PD49 combines the best of two worlds: audacious design from Studio F. A. Porsche, one of the most renowned design studios, with top-notch display technology from AOC. The design of the PD49 reflects people's changing perception of work and private life, and aims at users with high aesthetical requirements letting the monitor stand out in any environment and usage context.



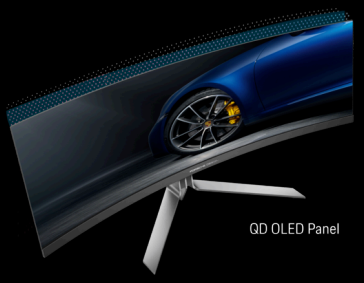


RED DOT AWARD

The Red Dot Design Award-winning PD49 combines the best of two worlds: audacious design from Studio F. A. Porsche, one of the most renowned design studios, with top-notch display technology from AOC. The design of the PD49 reflects people's changing perception of work and private life, and aims at users with high aesthetical requirements letting the monitor stand out in any environment and usage context.

QD OLED PANEL

QD-OLED represents a hybrid approach that marries OLED panels and quantum dot technology.



QD OLED Panel



Professional gaming monitor with cutting edge technology for hard core gamer

PROFESSIONAL GAMING

The precise, streamlined design is perfectly matched for high-performance gaming features. With a refresh rate of 240Hz and a response time of 0.03 ms GtG, fast-paced gaming is possible without compromising quality. The monitor features LightFX for an even more intense experience and the feeling of immersion in the game.

CONNECTIVITY

Connectivity is not left to chance, either, as the monitor includes several ports like HDMI, DisplayPort, USB, headphones and microphone.



More connectivity with USB C, HDMI 2.1, DP1.4, USB 3.2, RJ45 2.5GB Ethernet

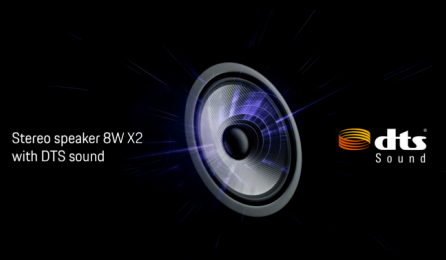


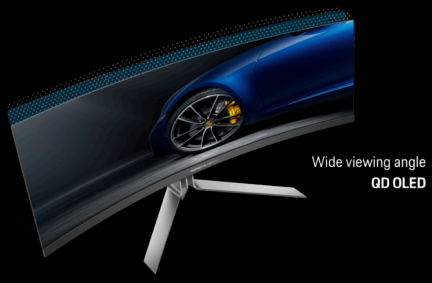
HDMI DISPLAY PORT

Enjoy the best of both worlds: versatility and performance. Whether you want to connect to a 4K monitor, a high-speed network, or a powerful peripheral, you can do it all with one device. More connectivity with USB C, HDMI 2.1, DP1.4, USB 3.2, RJ45 2.5GB Ethernet, you can unleash the full potential of your PD49.

STEREO SPEAKER 8W X2 WITH DTS SOUND

Experience the ultimate sound quality with Stereo speaker 8W X2 with DTS sound. This device delivers powerful and immersive audio with two speakers that produce stereo sound in two channels, creating a realistic and spacious soundstage. Each speaker has a power output of 8 watts, which ensures loud and clear sound with minimal distortion. Plus, with DTS sound technology, you can enjoy surround sound effects that simulate sound coming from different directions and distances, enhancing your gaming and movie experience. Whether you are listening to music, watching a blockbuster, or playing a thrilling game, Stereo speaker 8W X2 with DTS sound will make you feel like you are in the middle of the action. Don't settle for ordinary sound, get Stereo speaker 8W X2 with DTS sound today and discover a new level of audio excellence.





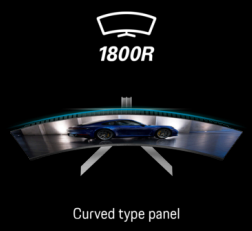
WVA QD OLED

Combining what's best, QD-OLED guarantees high contrast, deep blacks, and unlimited viewing angles, with higher peak brightness and more vibrant colors.

DQ HD 5120X1440

The AOC AGON PRO PD49 DQHD resolution offers a large and immersive screen space that can enhance your gaming and productivity experience. You can enjoy a panoramic view of your games, movies, or work without bezels or gaps.





Curved type panel

1800 CURVED

Step into a world of unparalleled immersion with our cutting-edge 1800R curved display. Immerse yourself in stunning visuals that wrap around your field of vision, creating a cinematic experience like never before. Whether you're gaming, streaming, or working, the curvature of our display ensures every detail is right in front of your eyes.

RJ45

Enjoy the best of both worlds: versatility and performance. Whether you want to connect to a 4K monitor, a high-speed network, or a powerful peripheral, you can do it all with one device. More connectivity with USB C, HDMI 2.1, DP1.4, USB 3.2, RJ45 2.5GB Ethernet, you can unleash the full potential of your PD49

RJ45 2.5GB Ethernet



High adjust stand, swivel and tilt function support



ADJUSTABLE STAND

The PD49 offers height-adjustable stands offering swivel, pivot and tilt functionality.

OSD BOOT

The OSD Boot settings and options are accessible and configurable through an on-screen menu.

PD boot up logo and OSD





0.03MS GTG RESPONSE TIME

0.03ms GtG response time is the new standard for gaming monitors. It delivers the fastest and most accurate image quality, eliminating motion blur and smearing. You'll see every detail and movement with stunning clarity and precision. 0.03ms GtG response time is the ultimate advantage for competitive gamers.

1.07B COLORS

The PD49 with 1.07 billion colors can show more subtle nuances and gradients, as well as prevent color banding and distortion. This way, you can ensure that your work is displayed with the highest fidelity and quality.



DCI-P399%

With DCI-P3 99%, you can see more shades of red, green, and blue, as well as more subtle nuances and gradients.

GENERAL

Model Name	PD49
Brand	AOC
Channel	Gaming
Product line	AGON PRO
Design family	PD
EAN	4056487052403

DISPLAY INFORMATION

Screen size (inch)	49,0
Screen size (cm)	124,0
Flat / Curved	Curved
Curvature Radius	1800R
Display hardness	2H
Panel treatment	Glossy
Pixels per Inch	108,5
Panel resolution	5120x1440
Aspect ratio	32:9
Panel type	QD - OLED
Max Refresh rate	240 Hz
Response time GtG (typical)	0.03 ms
Static contrast ratio (typical)	1.5M:1
Dynamic contrast ratio	80M:1
Viewing angle (CR10)	178/178
Display colours	1.073B (10 bits)
Brightness in nits (typical)	1000 cd/m²

VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible
AMD FreeSync™	AMD FreeSync Premium Pro
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
Flicker-Free	Flicker Free
KVM	1x USB3.2 Gen 1 type C + 1x type B

CABINET INFORMATION

Bezel Colour (front)	Black
Cabinet colour (backside)	Black, Silver
Cabinet finishing (backside)	Texture
Removable stand	Yes
Speaker power	8W x 2 + DTS
Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMIC INFORMATION

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

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
PS5 Compatibility	2560x1440@120Hz
Xbox X Compatibility	2560x1440@120Hz
Xbox S Compatibility	2560x1440@120Hz

SUSTAINABILITY

TCO Certified	No
WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes
PVC/BFR free housing	Yes
Mercury free	Yes
Recycable packaging material	100 % recycable

POWER CONSUMPTION

Power supply	Internal
Power consumption on (typical) in watts	130,0
Power consumption standby in watts	0,5
Power consumption off in watts	0,3
Energy class	G

CONNECTIVITY INFORMATION

HDMI	HDMI 2.1 x 2
DisplayPort	DisplayPort 1.4 x 1
USB Hub	Yes
USB type downstream	4 x USB-A
USB fast charge port	Yes
Audio Output	Headphone out (3.5mm)
USB-C connectivity	USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 90 W)
USB Type upstream	1x USB-C (DP Alt Mode), USB-C PD: 90W
USB generation	USB 3.2 (Gen 1)
RJ45	1x 10M/100M/1G/2.5G

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

OTHER INFORMATION

Warranty period	3 years

LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.