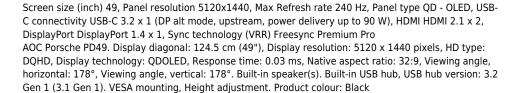# AOC

AOC Porsche PD49 LED display 124.5 cm (49") 5120 x 1440 pixels DQHD QDOLED Black

Brand : AOC   **Product family:** Porsche   **Product code:** PD49

Product name : PD49

Screen size (inch) 49, Panel resolution 5120x1440, Max Refresh rate 240 Hz, Panel type QD - OLED, USB-C connectivity USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 90 W), HDMI HDMI 2.1 x 2, DisplayPort DisplayPort 1.4 x 1, Sync technology (VRR) Freesync Premium Pro
AOC Porsche PD49. Display diagonal: 124.5 cm (49"), Display resolution: 5120 x 1440 pixels, HD type: DQHD, Display technology: QDOLED, Response time: 0.03 ms, Native aspect ratio: 32:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display

Display diagonal *	124.5 cm (49")
Display resolution *	5120 x 1440 pixels
HD type *	DQHD
Native aspect ratio *	32:9
Display technology *	QDOLED
Panel type *	OLED
LED backlight	✓
Backlight type	QD
Touchscreen *	✖
Display brightness (typical)	1000 cd/m²
Response time	0.03 ms
Anti-glare screen	✓
Screen shape *	Curved
Screen curvature rating	1800R
Contrast ratio (typical) *	1500000:1
Contrast ratio (dynamic)	80000000:1
Maximum refresh rate *	240 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.233 x 0.233 mm
Pixel density	108.5 ppi
Horizontal scan range	30 - 390 kHz
Vertical scan range	48 - 240 Hz
Viewable size, horizontal	119.7 cm
Viewable size, vertical	33.9 cm
Display diagonal (metric)	124 cm
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black, High Dynamic Range 10 (HDR10)
DDC/CI	✓
Haze rate	25%
Surface hardness	2H
sRGB coverage (typical)	151.6%
NTSC coverage (typical)	125.9%

Ports & interfaces

USB Power Delivery up to	90 W
HDMI *	✓
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✓
Headphone outputs	1
Headphone connectivity	3.5 mm
Built-in KVM switch	✓
KVM switch ports quantity	1
HDCP	✓
HDCP version	2.2
AC (power) in	✓

Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✓
Height adjustment	13 cm
Pivot	✖
Swivelling	✓
Swivel angle range	-20 - 20°
Tilt adjustment	✓
Tilt angle range	-3 - 13°
Picture-in-Picture	✓
On Screen Display (OSD)	✓
Plug and Play	✓
LED indicators	Operation, Stand-by

Power

Power consumption (typical) *	130 W
Power consumption (standby) *	0.5 W
Power consumption (max)	330 W

Display

Adobe RGB coverage	123.7%
BT.2020 coverage	83.8%

Performance

Fast charging	✔
Fast charging technology	Power Delivery 3.0
VESA Adaptive Sync support	✔
Flicker-free technology	✔
Low input lag	✔
FPS counter	✔
Dial point	✔
Shadow control	✔
Game mode	✔
Compatible operating systems	Windows 8.1/10/11, MacOS

Multimedia

Built-in speaker(s) *	✔
Built-in camera *	✘
Number of speakers	2
RMS rated power	16 W
Audio decoders	DTS

Design

Market positioning *	Gaming
Product colour *	Black
Frameless design	✔
Front bezel colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Type-C downstream ports quantity	1
USB Power Delivery	✔

Power

Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Input current	4.5 A
Power supply type	Internal

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-25 - 55 °C
Operating relative humidity (H-H)	10 - 85%
Storage relative humidity (H-H)	5 - 93%
Operating altitude	0 - 5000 m
Non-operating altitude	0 - 12192 m

Packaging content

Stand included	✔
Cables included	AC
Screws included	✔

Weight & dimensions

Width (with stand)	1191.8 mm
Depth (with stand)	388.3 mm
Height (with stand)	561.5 mm
Weight (with stand)	15.8 kg
Width (without stand)	1191.8 mm
Depth (without stand)	160.7 mm
Height (without stand)	373.8 mm
Weight (without stand)	11.2 kg

Packaging data

Package width	1310 mm
Package depth	506 mm
Package height	565 mm
Package weight	25.3 kg

Other features

DCI-P3 coverage	115%
Picture-by-Picture (PbP)	✔
Bezel thickness type	Frameless

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