AGON BY AOC

EVERY MILLISECOND MATTERS

POWERED BY

G2590PX/G2

The G2 Esports Signature edition of the G2590PX is visually stunning in the game and on your desk while delivering the usual award-winning performance you are used to, including 144Hz refresh rate, 1 ms response time and a 24.5" Full HD 3-sides frameless design display.

- **Themed design**
- **AOC Game Color and Shadow control**
- **FreeSync Premium and G-SYNC Compatible**

THEMED DESIGN

In the spirit of the samurai, we have engineered the G2590PX/G2 to fit the G2 vision of competitive gaming. The monitor's slick metallic stand, with silver finish and G2 Esports art details on the front and back, reflect the dedication of both G2 and AOC to innovation and competitive performance.

AOC GAME COLOR AND SHADOW CONTROL

Bring the battle out of the shadows with AOC Shadow Control and AOC Game Color! Adjust grey levels for better picture detail and brighten dark areas or sink them back into blackness on the fly, without affecting the rest of the display.

FREESYNC PREMIUM AND G-SYNC COMPATIBLE

The most fluid and tear-free gaming experience, no matter what GPU you use. FreeSync Premium ensures a high refresh rate of at least 120Hz, as well as low framerate compensation for AMD graphics cards. Those who use a NVIDIA product instead can also enjoy the benefits and let their games run as smoothly as possible

GENERAL

Model Name	G2590PX/G2
Channel	Gaming
Product line	AOC Gaming
Design family	G90
Launch date (ETA)	11/28/2017
EAN	4038986166614

DISPLAY INFORMATION

Screen size (inch)	24,5
Screen size (cm)	62,23
Flat / Curved	Flat
Display hardness	3H
Pixel Pitch (mm)	0,2832
Panel resolution	1920x1080
Aspect ratio	16:9
Panel type	TN
Backlight type	WLED
Max Refresh rate	144 Hz
Response time GtG	1 ms
Static contrast ratio	1000:1
Dynamic contrast ratio	50M:1
Viewing angle (CR10)	170/160
Display colours	16.7 Million
Brightness in nits	400 cd/m²

VIDEO FEATURES

Sync technology (VRR)	Freesync Premium
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1931 %	96,0
Colour space (Adobe RGB) CIE 1931 %	84,0
Flicker-Free	Flicker Free

CABINET INFORMATION

Bezel Colour (front)	Black, Red
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Removable stand	Yes
Speaker power	2 W x 2
Vesa wallmount	100x100

ERGONOMICS

Tilt	-3,5/19,5
Height adjust (mm)	130mm
Swivel	-45/45
Pivot	Yes

GAMING FEATURES

Gaming style	Shooters, Action, FPS (eSports)
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu

SUSTAINABILITY

TCO Certified	7
WEEE	Yes
RoHs compliant	Yes
Mercury free	Yes
Recycable packaging material	100 % recycable

POWER CONSUMPTION

Power supply	Internal
Power consumption on (Energystar test method) in watts	23,0
Power consumption standby in watts	0,5
Power consumption off in watts	0,5
Energy class	A

REGULATORY COMPLIANCE

CB	Yes
CE	Yes
TUV-Bauart-Mark	Yes
ISO 9241-307	Yes
EAC	Yes
Microsoft WHQL	Yes
Pixel policy	ISO 9241-307

CONNECTIVITY INFORMATION	
HDMI	HDMI 1.4 x 2
DisplayPort	DisplayPort 1.2 x 1
USB Hub	Yes
USB type downstream	4
USB fast charge port	Yes
USB generation	USB 3.0 (4 USB downstream ports)
D-SUB (VGA)	1x

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	558.6(H) x 199.5(W) x 513.2(D)
Packaging dimensions (WxHxD) mm	417(H) x 626(W) x 203(D)
Gross weight incl. package (in kg)	7,2
Net weight excl. package (in kg)	5,43

WHAT'S IN THE BOX	
HDMI cable	1.8
Displayport cable	1.8
Audio cable	1.8
Power cable C7	1.8

OTHER INFORMATION	
Warranty period	3 years