



U2790PQU

27 inch (68.6 cm) LCD MONITOR

27" professional 4K monitor with ergonomic stand and USB hub



3 SIDED
FRAMELESS



5ms



FLICKER FREE



IPS WIDEVIEW



LOW BLUE MODE



SPEAKERS



USB HUB



VESA MOUNT



Three-Year Warranty

AOC stands behind the quality of each and every monitor with a generous three-year warranty starting from the original date of purchase. Within the warranty period, any AOC displays with manufacturing defects or faulty components will be repaired or replaced at no additional charge. Read the complete AOC warranty statement for more information.



Integrated Speakers

Built-in speakers make it easy to catch up with family, friends and colleagues. For movies, music, games and more, you'll enjoy quality audio without the hassle of connecting external speakers.



Height adjustable stand

We care about your well-being. This is why this monitor offers height adjustment options, which help you find your perfect posture while working, playing or watching videos. Adapting your AOC monitor to your needs not only helps you reduce fatigue and keep your body healthy. In the end it lets you and your team achieve better results in whatever you are doing.



IPS Panel

No matter if you are viewing photos, videos, a magazine layout in InDesign or playing your favourite game – we want your content to look excellent from whatever angle you are seeing it. That is why this display comes with an advanced IPS panel, which produces brilliant colours and offers wide viewing angles. This way, images always look excellent and accurate, regardless from which angle you – or your friends and co-workers sitting or standing next to you – are looking at the screen.



Frameless Design

3-Sides frameless design of the monitor lets the user focus on the vivid display, and onlookers will enjoy the sleek and modern look from every angle.

Wide Colour Gamut



When you are enjoying photos, videos or games, we want your screen content to look as lifelike as possible. That is why this display comes with Wide Colour Gamut technology, which means that it is able to display a lot more colours than conventional monitors. This is achieved through a special hardware solution, not through mere software adjustments. The result: true-to-life images with fine details that become visible thanks to the broader colour palette.



4K UHD resolution

Ultra high definition 3840 x 2160 resolution (4K UHD) yields a superior pixel density of 157 PPI (pixels per inch) on the large 27-inch screen, for outstandingly detailed images. The 10-bit Deep Color RGB display panel ensures substantially more natural transitions between hues for exceptional realism.

General

Model name	U2790PQU
EAN	4038986186698
Product Line	Pro-line
Series	90 Series
Channel	B2B
Classification	Hero
Section	Business
Launch date	29-06-2019
Product status (EU)	Active

Screen

Resolution	3840x2160
Refresh rate	60Hz
Screen size (inch)	27 inch
Screen size (cm)	68.6 cm
Flat / Curved	Flat
Backlight	WLED
Panel Type	IPS
Aspect ratio	16:9
Display Colours	1.07 Billion
sRGB Coverage (%)	108
Adobe RGB Coverage (%)	80
NTSC coverage (%)	77 %
Active Screen Area (HxW)	596,736x335,66 mm mm
Pixel Pitch	0.1554
Scanning Frequency	30 -99KHz (HDMI 1.4) 30 -160KHz (HDMI2.0/DP) (H) 23 -80 Hz (V)
Response time (GtG)	5 ms
Contrast (static)	1000:1
Contrast (dynamic)	50M:1
Brightness (typical)	350 cd/m²
Viewing angle (CR10)	178/178 °
Hard Glass	3H
OSD languages	EN, FR , ES, PT, DE, IT, NL, SE, FI, PL ,CZ, RU, KR, CN (T), CN (S), JP

Exterior

Monitor colour	Grey
Bezel Type	Borderless
Removable Stand	✓

Ergonomics		
Vesa Wallmount		100x100
Tilt		-5 /+20 °
Swivel		-45/45 °
Pivot		✓
Height Adjust Amount		130mm

Multimedia		
Audio Input		Line in
Built-in Speakers		2 W x 2
Audio output		Headphone out (3,5mm)

Connectivity and Multimedia		
Signal Input		HDMI 1.4 x 1, HDMI 2.0 x 1, DisplayPort 1.2 x 1
USB input		USB 3.0 x 2
USB Hub		✓
USB out ports		2

What's in the Box?		
HDMI cable		1,8 m
Displayport Cable		1,8 m
Power Cable C13		1,8 m

Power / Environmental		
Powersupply		Internal
Powersource		100 - 240V 50/60Hz
PowerConsumption On (Energystar)		35 watt
PowerConsumption Standby (Energystar)		0.5 watt
PowerConsumption Off (Energystar)		0.3 watt
EnergyClass		B

Approbations / Regulations		
Listed on Energystar Website		✓
Listed on Epeat Website		✓
TUV-Bauart		✓
CE		✓
FCC		✓
EAC		✓
ISO 9241-307 class I		✓
RoHS compliant		✓
other documentation		TUV Satefy

Warranty

Pixel Policy	ISO 9241-307
Warranty Period	3 Years
MTBF	50.000 hours

Dimensions / Weights

Product height (mm)	614.9
Product width (mm)	535
Product depth (mm)	199.5
Product dimensions incl base	535x614.9x199.5
Product dimensions excl base	364.1x614.9x43.5
Packaging Dimensions (L x W x H)	703(W)x226(D)x468(H) mm
Product Dimensions (incl base)	535x614.9x199.5 mm
Gross Weight (including package)	10.6 Kg
Net Weight (excluding package)	6.5 Kg

Texts and USP

Marketing title	27 inch 3840x2160@60Hz 5 ms IPS HDMI 1.4 x 1, DisplayPort 1.2 x 1, HDMI 2.0 x 1 USB 3.0 x 2
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Features

Flicker-free	✓
Blue Light Technology	Low blue light
Kensington Lock	✓