

AOC

EXPERIENCE THE CLARITY

90P

4K ULTRA HD



U2790PQU

27"

90P SERIES

- IPS
- 4K Ultra HD with 10-bit Deep Color
- Frameless Design
- Height Adjustment Stand with Quick Release Button
- Low Blue Mode & Flicker Free for eye care



IPS WIDE VIEW



4K ULTRA HD



LOW BLUE MODE



FLICKER FREE



CLEAR VISION



ADJUSTABLE STAND



3 SIDED FRAMELESS

vision at Heart



FEATURES



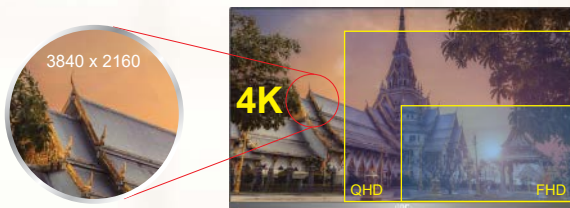
IPS Panel

IPS panels deliver vivid and accurate color expression while offering wider viewing angles than regular monitors for extra comfortable viewing.



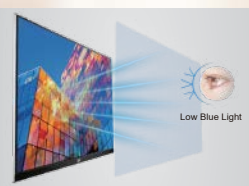
4K Ultra HD with 10-bit Deep Color

4K Ultra High Definition (UHD) resolution at (3840 x 2160 pixels) has four times the pixel density as the current industry standard of Full HD to provide incredibly detailed images. The 10-bit Deep Color and 108% RGB display panel ensures substantially more natural transitions between hues for exceptional realism.



Low Blue Mode

Long exposure to short wavelength blue light may cause eye strain, sleep disorders, or headaches. AOC Low Blue Mode puts the user first by reducing the screen's short wavelength blue light emission without sacrificing color accuracy. Also provides four different filtering modes – reading, web browsing, multimedia, and office.



Flicker Free Backlight Technology

Flicker Free technology uses a smooth backlight system to prevent monitor flickering. This reduces eye strain and other damaging effects to your eyes – an especially valuable feature when working overtime, gaming for long hours or watching movies.



Clear Vision

The Clear Vision image performance engine setting through the OSD menu can upscale Standard Definition (SD) sources to High Definition (HD), allowing you to enjoy classic image and video content like never before.



4-Way Adjustable Stand

The 4-way adjustable stand allows effortless height adjustment, 90° pivot, full swivel (both directions), and tilting to position the monitor exactly where it needs to be.



3-sided Frameless

The 3-sided frameless design minimizes distraction and saves space to provide a more focused user experience.



Screen+

Screen+ Software splits the desktop into different panels, each showing a different window. This makes multitasking and switching between windows a much simpler and more organized process.



i-Menu

Adjust your settings with i-Menu, which conveniently allows you to change on-screen display settings (OSD) with your mouse instead of having to press buttons on the device itself.

SPECIFICATIONS

Model Name	U2790PQU
Panel Size	27" / 684mm
Pixel Pitch (mm)	0.1554 (H) × 0.1554 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.66 (V)
Brightness (typical)	350 cd/m ²
Contrast Ratio	1000 : 1 (Typical), 50 Million : 1 (DCR)
Smart Response	5ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR = 10)
Color Gamut	NTSC 91% (CIE 1976) / sRGB 108% (CIE 1931)
Optimum Resolution	3840 x 2160 @ 30Hz – HDMI 1.4 3840 x 2160 @ 60Hz – HDMI 2.0, DisplayPort 1.2
Display Colors	1.07B
Signal Input	HDMI 1.4 × 1, HDMI 2.0 × 1, DisplayPort 1.2 × 1
HDCP Version	HDMI 1: 1.4, HDMI 2: 2.2, DisplayPort: 2.2
Power Supply	100-240V ~ 1.5A, 50 / 60Hz
Smart Power Mode: Typical	35W
Built-in Speakers	2W × 2
Regulatory Approvals	RoHS / EPA7.0 / CE / FCC / CB / RCM & MEPS / KC / KCC / VCCI / PSE / J-Moss / e-Standby / PSB / TCO 7 / Windows 8/8.1 / Windows 10 / cTUVus
Wall-Mount	100mm × 100mm
Cabinet Color	Black & Titanium
Stand Tilt	-3.5° ±1.5° ~ 21.5° ±1.5°
Product with Stand (mm)	614.9 (W) × 535.0 (H) × 199.5 (D)
Packaging (mm)	703 (W) × 468 (H) × 226 (D)
Weight (Net/Gross) kg	6.5 / 10.6

Design and Specifications are subject to change without notice.