AOC

EXPERIENCE THE CLARITY | 90V
4K ULTRA HD

90V SERIES

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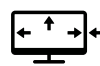- Low Blue Mode & Flicker Free for eye care

U2790VQ — 27"

IPS WIDE VIEW **4K ULTRA HD** **LOW BLUE MODE** **FLICKER FREE** **CLEAR VISION** **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.
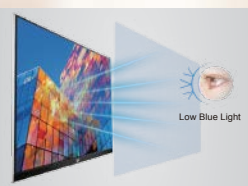
IPS Screen viewing angle of 178°

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.
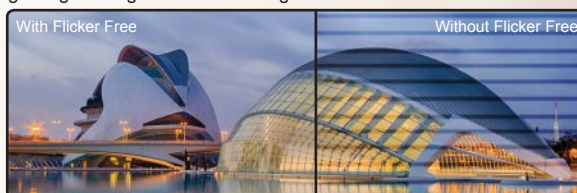
3840 x 2160

4K

QHD   FHD

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.

Low Blue Light

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.

With Flicker Free   Without Flicker Free

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.

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.

e-Saver
e-Saver low power configuration will activate when the monitor is in screen saving mode, the user is away from the screen, or when the PC is switched off, ultimately reducing energy bills and contributing to a greener environment.

► SPECIFICATIONS

Model Name	U2790VQ
Panel Size	27" / 684mm
Pixel Pitch (mm)	0.1554 (H) × 0.1554 (V)
Effective Viewing Area (mm)	596.736 (H) x 335.66 (V)
Brightness (typical)	350 cd/m²
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
Power Supply	100-240V ~ 1.5A, 50 / 60Hz
Smart Power Mode: Typical	35W
Built-in Speakers	no
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
Stand Tilt	3.5° ±1.5° ~ 21.5°±1.5°
Product with Stand (mm)	614.9 (W) × 445 (H) × 199.7 (D)
Packaging (mm)	703 (W) × 467 (H) × 185 (D)
Weight (Net/Gross) kg	5.15 / 8.15

Design and Specifications are subject to change without notice.