AOC

SMOOTH GAME PLAY

U28G2X/D
28" GAMING MONITOR

- ⊙ 4K Ultra HD Display For Brilliant Visuals
- ⊙ IPS Wide Viewing Angle
- ⊙ FreeSync Premium tear-free immersion
- ⊙ Incredible 144Hz Refresh Rate And 1ms Response Time
- ⊙ VESA Certified DisplayHDR 400

4K 4K ULTRA HD   IPS WIDE VIEW   **AMD FreeSync** Premium   **144**Hz   **1 ms**   **VESA** CERTIFIED **DisplayHDR** 400   PICTURE-IN PICTURE PICTURE-BY PICTURE   ADJUSTABLE STAND   **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE
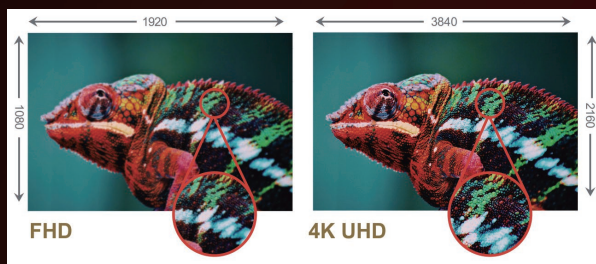
www.aoc.com

vision at Heart

Features

Brilliant visuals with ultra detailed pictures

4K Ultra High-Definition (3840 x 2160) resolution delivers ultra-crisp picture quality and allows users to see more on the screen at one time. This provides more screen 'real estate' and also shows more detail for sharper and more brilliant images. Whether working on the next beautiful photo, design, or even just used for productivity, users will marvel at the true, crisp image that only a UHD display can provide.
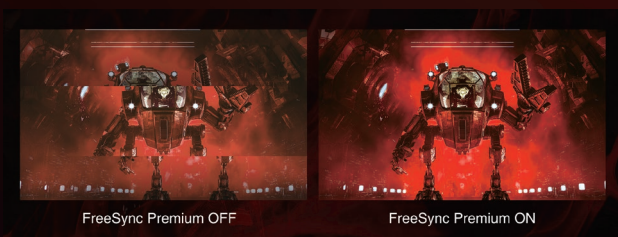

FHD   4K UHD

Designed with wide viewing angles

IPS displays deliver 178/178-degree viewing angles while maintaining consistent image quality and colors from all viewing positions. You can also view your spreadsheets or weekend movies from virtually any angle without compromising color uniformity.

178°

FreeSync Premium delivers ultra-smooth tear-free gaming

Screen tearing and stuttering doesn't only harm gaming performance, it also destroys immersion. AMD FreeSync Premium addresses this by keeping your monitor's refresh rate synced with your processor's. This technology works best on 120Hz and above refresh rates on higher resolution screens, while also supporting low framerate compensation features.[1]

FreeSync Premium OFF   FreeSync Premium ON

The e-sports professional standard for gaming

With a 144Hz refresh rate and 1ms response time, your display will be equipped to perform at the pro gaming standard. Enjoy an ultra-smooth experience with no visible screen blur to ensure you're always prepped to win.

144Hz   60Hz

Universal respected standard for display visual

VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike, other 'HDR compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and peak brightness up-to 400 nits, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.

Adjust the screen in all ways, always

An adjustable stand allows for tilt, rotation, swivel and height adjustment do dial-in a comfortable and ergonomic viewing experience.

Reducing shortwave blue light outputfor healthier eyes

AOC Low Blue Mode setting ensures a more healthy viewing experience for prolonged computer use without compromising the naturally vivid colors of the display.

Connectable with other devices

This AOC monitor provides convenient connectivity options, with both HDMI and DisplayPort support to suit both professionals and home users. HDMI represents the leading digital video, audio, and data interface for high speed connections between ultra high-definition displays and a wide range of consumer electronics, including providing support for modern gaming consoles and PCs. DisplayPort allows for a range of devices to quickly and easily connect to your screen, delivering higher resolution, faster refresh rate and video transmissions free from input lag.

Specifications

Model Name	U28G2X/D
Panel	28" (IPS)
Pixel Pitch (mm)	0.16 (H) × 0.16 (V)
Effective Viewing Area (mm)	620.9 (H) × 341.28 (V)
Brightness (typical)	300 cd/m²
Contrast Ratio	1000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	1ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 104% (CIE1976) / sRGB 116% (CIE1931) / DCI-P3 95% (CIE1976)
Optimum Resolution	3840 × 2160 @ 144Hz – DisplayPort1.4，HDMI2.1
Display Colors	16.7 Million
Signal Input	HDMI 2.1 × 2 / DisplayPort 1.4 × 2
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	no
Color Accuracy	Delta E < 2
Power Supply	100 - 240V～1.5A, 50 / 60Hz
Power Consumption (typical)	45W
Speakers	no
Wall-Mount	100mm × 100mm
Adjustable Stand	Height: 130mm, Pivot: 0°~90° ± 2°, Swivel: -30° ~30°, Tilt:-5° ~23°
Product without Stand (mm)	368.5 (H) × 636.4 (W) × 53.0 (D)
Product with Stand (mm)	401.9~531.9 (H) × 636.4 (W) × 227.4 (D)
Packaging (mm)	593 (H) × 717 (W) × 162 (D)
Product without Stand (kg)	4.81
Product with Stand (kg)	6.15
Product with Packaging (kg)	8.63
Cabinet Color	Black & Red
Regulatory Approvals	RCM / MEPS CE / CB / FCC

*. To enable UHD@144Hz, a graphics card which supporting DSC must be used. Please visit the graphics card manufacturer's website for DSC support

[1]U28G2X/D has been upgraded to AMD Freesync Premium version since June.01.2022 (manufactured date)

Design and Specifications are subject to change without notice.