28-inch 4K Ultra HD Professional Monitor for Rich Details

AOC's 4K Ultra HD display is here. U2879VF is a 28-inch professional monitor with 3840 x 2160 Ultra HD Resolution, four times the resolution of a Full HD display that takes delivering clear crisp images to the next level. The professional display also boasts 1ms (gray-to-gray) and AMD FreeSync that eliminates stuttering and tearing. This 4K professional display also boasts flexibility in viewing and connections. So whether you are a designer, gamer, photographer, or someone who needs rich detail, AOC's U2879VF will deliver exactly that.

Key Features

- 28" 4K 3840 x 2160 Ultra HD Resolution
- Rapid 1ms response time and over 1 billion colors for rich details
- VGA, DVI with HDCP, HDMI (MHL), Display Port connectivity
- No stuttering or tearing with AMD FreeSync Technology
- Sleek design with extra narrow borders

AOC

Conventional Full HD Monitor
(1920 x 1080)
= 2,073,600 pixels

AOC 28" UHD U2868PQU
(3840 x 2160)
= 8,294,400 pixels

GAMERS WANT TO MAINTAIN THE HIGHEST POSSIBLE FPS

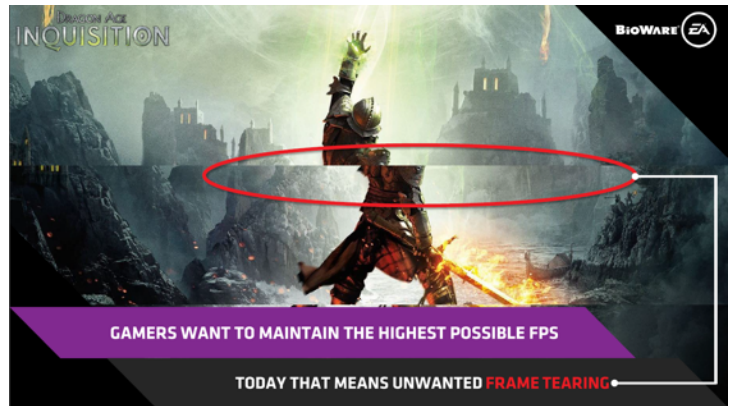TODAY THAT MEANS UNWANTED FRAME TEARING

Ultra High Definition and High Pixel Density

AOC's U2879VF features a 28-inch professional, high-quality, non-glare TN panel for fast refresh. Ultra High Definition (UHD) allows users to see more on the screen at one time; it gives more 'real estate' and also shows more detail for sharper and more brilliant images. A 4K (3840 x 2160) resolution is four times a Full HD (1920 x 1080) resolution. Whether working on the next beautiful photo, design, or even just for productivity, users will appreciate the true crisp image from a UHD display.

Over 1 Billion Colors

U2879VF "10-bit" panel (8-bit + FRC) boasts 1.07 billion colors. The Frame-Rate-Control (FRC) technology is used to enhance the color depth of the 8-bit panel and boosting the normal 16.7 million colors foud in most displays, to 1.07 billion colors. More colors means the panel can present more depth and richer color, producing more colorful and vivid images.

AMD FreeSync Technology

AMD FreeSync technology provides the perfect high performance solution for gamers looking for the best gaming experience. FreeSync eliminates any tearing or stuttering by synchronizing the GPU and the monitor so frames are displayed when ready. This also ensures the fastest possible frame rates and prevents any laggy and stuttering input from the gaming mouse. Gamers can enjoy the smoothest gameplay that gives them the desired competitive edge.

Sleek and Attractive Design

Detail and attention was placed on the design of the 79 Series. This series is designed for professional-grade usage, built to be very stable yet visually appealing to gamers. The display comes with black hairline texture in the front and matte in the back. The extra narrow bezel gives it a widescreen look, while the touch buttons are printed at the bottom-right for easy access.

Connectivity and Features You Need in a Monitor

U2879VF features VGA, DVI, HDMI (MHL), Display Port connections, with a line-out for audio. With MHL-enabled HDMI connection, you can connect your smart device to your monitor to simultaneously charge and stream your mobile multimedia on to the bigger 28" 4K. The rapid 1ms gray-to-gray response time means speed without the smear for an enhanced gaming experience. Enjoy fast-moving action and dramatic transitions without the annoying effects of ghosting, thanks to the smooth rendering.

U2879VF Specification

Cabinet Color	Black with Hairline Texture in the front and matte in the back
Panel	TFT Active Matrix, LED Backlight 28" Class Widescreen, 16:9 Aspect Ratio 28" Viewable Image Size, Diagonal
Pixel Pitch	0.16 (H) mm x 0.16 (v) mm
Display Area	620.9 mm x 341.2 mm
Brightness	300 cd/m2 (typ)
Contrast Ratio	20,000,000:1 (dynamic)
Response Time	1ms (gtg)
Viewing Angle	Horizontal: 170 Degrees (CR>10) Vertical: 160 Degrees (CR>10)
Scanning Frequency	Horizontal: 30K~99KHz Vertical: 50~75 Hz
Optimal Resolution **Recommended**	3840x2160@60Hz 3840x2160@60Hz
Supported Resolutions	640x480@60/67/72/75Hz, 800x600@56/60/72/75Hz, 1024x768@60/70/72/75Hz, 1280x720@60Hz, 1280x960@60Hz, 1440x900@60Hz, 1680x1050@60Hz, 1920x1080@60Hz, 2560x1440@60Hz, 3840x2160@30Hz/60Hz
Color Depth	1.073 Billion colors
Connectors	1 x VGA, 1 x pin DVI, 1 x HDMI (MHL), 1 x Display Port
User Control	Auto/Power
Adjustability	Tilt: -5°~+25°
OSD Languages	16 Languages including English, French and Spanish
Power Source	Universal 110~240VAC, 50/60Hz
Power Consumption	Power On: <95W (Max), Standby: <0.5W
Regulations	cTUVus, CE, FCC, RoHS, Windows 8 compatible
Other Features	Extra Narrow Bezel AMD FreeSync Technology, AOC's eSaver Software, i-Menu Software
Dimensions (WxHxD mm)	Monitor: 658.9 x 468 x 153.2 Carton: 159 x 732 x 543
Dimensions (WxHxD inches)	Monitor: 25.9 x 18.44 x 6.03Carton: 6.26 x 28.82 x 21.38
Weight (Net)	8.81 lbs (4.0 kgs) Net
Weight (Gross)	11.60 lbs (5.26 kgs) Gross
Loading Qty w/pallet	20' = 378 pcs.; 40' Std = 864 pcs.
UPC Code	685417708888
What's in the Box	28" Monitor, stand and base, Power Adapter, Power Cord, VGA Cable, DP cable, HDMI cable, Media (includes drivers, AOC Software, User's Manual, Warranty)

1. Wall mount arm & bracket not included. Actual product may vary from image shown on datasheet. The information contained herein is subject to change without notice. AOC shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are property of their respective owners. For more information, visit us.aoc.om or call 888-838-6388