

AOC

P2
SERIES



Sharp All Round

U28P2U

- IPS Wide Viewing Angle
- HDR Mode Visual Enhancement
- 4-way Adjustable Stand



4K ULTRA HD



HDR
MODE



ADJUSTABLE
STAND



ADAPTIVE
SYNC



FLICKER FREE



LOW BLUE MODE



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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vision at Heart

► Features



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.



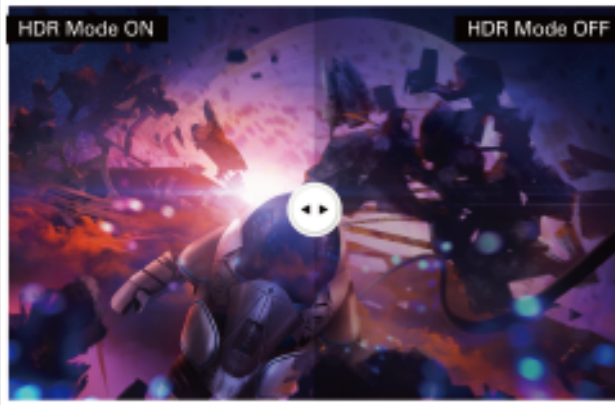
Brilliant visuals with ultra detailed pictures

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.



HDR mode visual enhancement

Through a combination of advanced algorithmic functions, the HDR Mode essentially transforms non-HDR content into HDR-like visuals via 3 different modes. By enhancing RGB/CMY color for more vivid images (via improved saturation and range), increasing dynamic contrast for clarity and image sharpness, the HDR mode ensures you



Bringing depth to your colors

AOC Super Color technology enlivens the viewing experience with more passionate reds, enchanting greens and soothing blues. With this hardware solution, you can enjoy better color accuracy and true-to-life color reproduction in your photos, videos and more.



Upscaling content from standard to high definition

The AOC ClearVision image performance engine upscales Standard-Definition (SD) sources to High-Definition (HD), resulting in sharper, more vivid viewing.



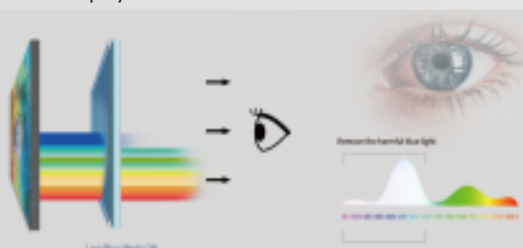
An ergonomic design

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



Reducing shortwave blue light output for healthier eyes

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



A universally respected anti-tearing solution

Screen tearing doesn't only harm gaming performance, it also destroys immersion. Adaptive Sync technology eradicates this disastrous problem by ensuring your monitor's refresh rate is always synced with your processor's.



Protect your eyes from screen flicker

Flicker-free technology reduces flicker to give you a more comfortable gaming experience. Normal LED-backlit monitors adjust brightness using PWM (Pulse Width Modulation) which causes flickering and results in eye discomfort over long periods of time. AOC flicker-free technology uses a DC (Direct Current) backlight system to provide a more comfortable and healthier viewing experience, minimizing the effects of eye fatigue during work hours.



Multitask like it was nothing

Picture-in-Picture and Picture-by-Picture empowers you to multitask like it was nothing. These features display and fine-tune content from different PC sources onto your screen at once, making it much easier to work on multiple projects at the same time.



Built-in convenient multitasking software

Screen+ allows you to split, customize, and organize your monitor's layout. Make multitasking easier by resizing and displaying multiple windows at once.



Easy adjustments just one click away

AOC's i-Menu allows direct access to the monitor's on-screen display settings utilizing a mouse.



Connectable with other devices

HDMI compatibility unlocks a wider array of connectivity options for users, including gaming consoles, laptops, Blu-Ray players, and more. DisplayPort is the main PC-to-monitor connection format in the industry, with better refresh rates and the ability to transmit good quality audio in addition to visual data.

► Specifications

Model Name	U28P2U/BS
Panel	28" (IPS)
Pixel Pitch (mm)	0.16 (H) × 0.16 (V)
Effective Viewing Area (mm)	620.928 (H) × 341.28 (V)
Brightness	300 cd/m ² (typical)
Contrast Ratio	1000 : 1 (Typical) 50 Million : 1 (DCR)
Response Time	4ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 107% (CIE1976) / sRGB 119% (CIE1931)
Color Accuracy	ΔE < 2
Optimum Resolution	3840 × 2160 @ 60Hz — DisplayPort, HDMI
Display Colors	1.07 Billion
Signal Input	HDMI 2.0 × 2, DisplayPort 1.2 × 1
HDCP Version	HDMI :2.2 / DisplayPort :2.2
USB Hub	USB3.2 Gen1 × 4
Power Supply	100 - 240V ~1.5A, 50 / 60Hz
Power Consumption (typical)	45W
Speakers	no
Line in & Earphone	Earphone × 1
Wall-Mount	100mm × 100mm
Adjustable Stand	Height: 130mm, Pivot: -90° ~ 90°, Swivel: -175° ~ 175°, Tilt: -5° ~ 35°
Product without Stand (mm)	368.5 (H) × 636.42 (W) × 49.3 (D)
Product with Stand (mm)	404~534 (H) × 636.42 (W) × 200.1 (D)
Product without Stand (kg)	4.77
Product with Stand (kg)	6.76
Cabinet Color	Black & Grey
Regulatory Approvals	CE, CB, FCC, BSMI, KC / KCC / eStandby