AOC

Create. Elevate. Imagine.

U3 Graphic Pro Monitor for creatives

U27U3XD

- ⊙ IPS with CR 2000:1
- ⊙ Dual refresh rate (4K @ 144Hz or FHD @ 288 Hz)
- ⊙ VESA DisplayHDR™400

| IPS WIDE VIEW | DUAL REFRESH RATE | ADAPTIVE SYNC | VESA CERTIFIED DisplayHDR™ 400 | 0.5 ms | KVM | USB C | 98% DCI-P3 |

| PICTURE-IN PICTURE PICTURE-BY PICTURE | FLICKER FREE | ANTI-BLUE LIGHT | ADJUSTABLE STAND | AOC MENU | RECYCLED PACKAGING |

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vision at Heart

➤ Features

Engineered for better visual experiences
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.

The professional e-sport standard for gaming
With double refresh rate, 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.

Rapid 0.5ms response time for smoother graphics
A pixel response time of 0.5ms MPRT means speed without the smear for an enhanced gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly without the annoying effects of ghosting.

Enjoy a more immersive and realistic visual experience
The AOC U3 Graphic Pro Monitor covers 98% of the DCI P3 color space, making it ideal for graphic and photo editing as it can reproduce more shades of red and green than a standard sRGB monitor.

DCI P3 98%

Others

Effortlessly smooth action with Adaptive-Sync technology
Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

Without

ADAPTIVE SYNC

DisplayHDR™ 400 for more lifelike colorful visuals
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 450 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.

An innovative solution to protect against the blue light from computer screens
The ratio of light in the range from 415nm~455nm compared to 400nm~500nm shall be less than 50%.

Flicker-free technology for reduced eye fatigue
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 oftime. 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.

USB-C technology carries both the power and the display signal in one cable
One cable is all you need. USB Type-C™ technology carries both the power and the display signal and data to the screen in one simple cable. It provides an ultra-clean, sleek look and convenience of a one-cable connection.

➤ Specifications

Model Name	U27U3XD
Panel	27" / IPS
Pixel Pitch (mm)	0.1554 (H) × 0.1554 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	450 cd/m²
Contrast Ration	2000 : 1 (typical) / MEGA DCR
Response Time	4ms (GtG) 0.3ms MPRT(288Hz)/0.5ms MPRT(144Hz)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	sRGB 100% (CIE1931) / DCI -P3 98% (CIE1976) overlap percentage
Optimum Resolution	3840 × 2160 @ 144Hz (8 bit) –DisplayPort1.4,+DSC HDMI2.1, USB-C+DSC 1920 × 1080 @ 288Hz (8 bit) –DisplayPort1.4,+DSC HDMI2.1, USB-C+DSC 3840 × 2160 @ 120Hz (10 bit) –DisplayPort1.4,+DSC HDMI2.1, USB-C+DSC 1920 × 1080 @ 240Hz (10 bit) –DisplayPort1.4,+DSC HDMI2.1, USB-C+DSC
Display Colors	1.07 Billion (4K 120Hz, F 240Hz)
Signal Input	HDMI 2.1 × 2, DisplayPort 1.4 × 1, USB-C (DP Alt, 90W) × 1
HDCP Version	HDMI :2.3 / DisplayPort :2.3
USB Hub	USB-A (USB3.2 Gen2 × 4)
Power Supply	Internal 100 - 240V ~ 3.0A, 50 / 60Hz
Power Consumption (typical)	39W
Speakers	No
Line In/Earphone	Earphone × 1
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 150mm, Pivot: —90° ~ 90°, Swivel: —30° ~ 30°, Tilt : —5° ~ 23°
Product without Stand (mm)	365.0 (H) × 613.9 (W) × 55.6 (D)
Product with Stand (mm)	400.0 ~ 546.4 (H) × 613.9 (W) × 238.4 (D)
Packaging (mm)	480 (H) × 825 (W) × 162 (D)
Product without Stand (kg)	4.35 kg
Product with Stand (kg)	6.10 kg
Product with Packaging (kg)	9.85 kg
Cabinet Color	Black & Grey
Regulatory Approvals	CE / CB / FCC / RoHS

Design and Specifications are subject to change without notice.

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