

AOC

Create. Elevate. Imagine.



graphic **pro**  calman
READY

U3 Graphic Pro Monitor for creatives

Q27U3CV

- ▶ QHD Display
- ▶ IPS with Quantum Dot Tech
- ▶ VESA Certified DisplayHDR 400



IPS WIDE VIEW



QUANTUM DOT



QUAD HD



VESA CERTIFIED
DisplayHDR™ 400



3 SIDED
FRAMELESS



LOW BLUE MODE



FLICKER FREE



USB C

RJ45

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 vision at Heart

► Features



Quantum Dot Tech for see-it-to-believe-it color

Quantum Dot Technology is an innovative semiconductor nanocrystal technology that precisely emits light to produce bluer blues, greener greens and redder reds. LCD monitors with Quantum Dot color produce a more dynamic range of colors and show the true natural palette of colors in the picture. The result - vibrant, dynamic, you-gotta-see-it-to-believe-it color.



Quad High-Definition (QHD) 2560 x 1440 resolution

Quad HD (2560 x 1440) resolution allows you to view more an incredible amount of detail, resulting in visuals that are crisp and vivid. Whether editing photos, videos, or watching movies, Quad HD gives you clarity and quality.



Calman Ready allows for easy, precise, and quick calibration.

Ready displays and devices are equipped with the ability to communicate directly with Portrait Displays' Calman™ color calibration software. Devices that are Calman Ready can quickly connect with the software and leverage its precise and automated calibration capabilities (AutoCal™)



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.



See more with 3-sided frameless design

Break away from the shackles of bezels with AOC's 3-Sided Frameless Design monitors. This virtually frameless monitor has extremely narrow bezel around a stunning screen. When used as part of a multi-monitor setup it offers a near-seamless and elegant transition between screens. Beauty, form, and function. Isn't it time you broke free from your bezels?



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 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.



Reduces blue light exposure for a comfortable experience

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



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 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.



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	Q27U3CV
Panel	27" / IPS with QD Tech
Pixel Pitch (mm)	0.2331 (H) × 0.2331 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	350 cd/m ²
Contrast Ratio	1000 : 1 (typical) 50 Million : 1
Response Time	14ms GtG / 4ms GtG
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	sRGB 100% (CIE1931) / DCI - P3 98% (CIE1976) overlap percentage
Optimum Resolution	2560 × 1440 @ 75Hz – DisplayPort, HDMI, USB-C
Display Colors	16.7 Million
Signal Input	HDMI 1.4 × 1, DisplayPort 1.4 × 1, DisplayPort Output × 1, USB-C (DP Alt, 96W) × 1, RJ45 × 1
HDCP Version	HDMI :2.2 / DisplayPort :2.2
USB Hub	USB-A (USB3.2 Gen2 × 4) USB C (PD 15W, downstream)
Power Supply	Internal 100 - 240V ~ 3.0A, 50 / 60Hz
Power Consumption (typical)	27W
Speakers	3W × 2
Line In/Earphone	Earphone × 1
Wall-Mount	100mm × 100mm
Adjustable Stand	Height: 150mm, Pivot: -90° ~ 90°, Swivel: -30° ~ 30°, Tilt: -6.5° ~ 23°
Product without Stand (mm)	365.0 (H) × 613.8 (W) × 52.5 (D)
Product with Stand (mm)	401.3 ~ 547.7 (H) × 613.8 (W) × 238.4 (D)
Packaging (mm)	480 (H) × 825 (W) × 162 (D)
Product without Stand (kg)	4.8 kg
Product with Stand (kg)	6.5 kg
Product with Packaging (kg)	9.99 kg
Cabinet Color	Black & Grey
Regulatory Approvals	CE / CB / FCC / EPA / TCO / RoHS

