

27" Dual Refresh Rate Graphic Pro Monitor

Experience pro-grade visuals on a 27" IPS panel featuring a 2000:1 contrast ratio and VESA HDR400 certification. Choose stunning 4K at 144Hz for immersive detail or FHD at 288Hz for ultra-competitive speed, both enhanced by Adaptive Sync with G-Sync compatibility. Streamline your setup with KVM and USB-C (90W PD), plus PBP/PIP multitasking for seamless multi-device workflows. Achieve perfect visuals through 93–105% luminance uniformity and precise 6-axis Hue/Saturation calibration. Enjoy blur-free action with 0.5ms MPRT, while Flicker-Free and Low Blue Light technologies keep your eyes comfortable. Effortlessly adjust height with the ergonomic stand, fine-tune settings via i-Menu, and support sustainability with our eco-friendly Green Packaging.



Features



IPS Panel

IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colours. Colours look consistent no matter from which angle you look at the display



Dual Refresh Rate

Dual Refresh Rate adjusts to how you use the display—switch to a higher refresh rate for smooth gaming or dial it down for sharp, clear visuals when working, watching videos, or creating designs. Effortlessly switch between performance and efficiency for productivity or entertainment.



Vesa Certified DisplayHDR™ 400

Even the lowest level of High Dynamic Range (HDR) feature poses a significant upgrade to common monitors. The peak luminance of 400 cd/m² enables your display to hone the picture quality with a manifold colour spectrum and more diverse contrast. The VESA-certificate ensures richness of detail and realistic portrayals of game and film worlds.



Adaptive sync

Adaptive Sync aligns your monitor's vertical refresh rate with the frame rate delivered by your GPU, making your gameplay and casual gaming experience even more fluid by eliminating stuttering, tearing and judder. This feature is also useful when enjoying videos and other visual media, for a smoother entertainment.



HDMI 2.1

The latest standard in HDMI technology further boosts higher refresh rates and resolution. This not only opens new doors for watching content, but also for gamers: HDMI 2.1 enables next generation consoles to reach their maximum performance.

USB-C Docking

Simplify the connections with one cable only. The USB-C connection provides DisplayPort Alternate Mode for transferring high-resolution video signals from a notebook to the monitor while simultaneously charging the notebook's battery from the monitor with USB power delivery.

GENERAL	
Model Name	U27U3XD
Brand	AOC
Channel	B2B
Product line	Ultra-line
Design family	U3

DISPLAY INFORMATION	
Screen size (inch)	27.0
Pixel Pitch (mm)	0.1554
Panel type	IPS
Response time GtG	4 ms
Response time MPRT	0.3 ms
Static contrast ratio	2000:1
Dynamic contrast ratio	MEGA DCR
Viewing angle (CR10)	178/178
Display colours	1.07 Billion
Brightness in nits	450 cd/m ²

CABINET INFORMATION	
Cabinet colour (backside)	Black, Grey
Vesa wallmount	100x100

ERGONOMICS	
Tilt	- 5° ~ 23°
Height adjust (mm)	150mm
Swivel	- 30° ~ 30°
Pivot	- 90° ~ 90°

SUSTAINABILITY	
RoHs compliant	Yes

POWER CONSUMPTION	
Power supply	Internal
Power consumption on (typical) in watts	39.0

REGULATORY COMPLIANCE	
CB	Yes
FCC	Yes

CONNECTIVITY INFORMATION	
HDMI	HDMI 2.1 x 2
Digital HDCP (HDMI version)	HDCP 2.3
DisplayPort	DisplayPort 1.4 x 1
USB type downstream	4
Audio Output	Headphone out (3.5mm)
DP HDCP version	HDCP 2.3
USB generation	USB 3.2 (Gen 2)

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	400.0 ~ 546.4 × 613.9 × 238.4
Product dimensions excl. base (WxHxD) mm	365.0 × 613.9 × 55.6
Packaging dimensions (WxHxD) mm	480 × 825 × 162
Gross weight incl. package (in kg)	9.85
Net weight excl. package (in kg)	6.1
Product without stand (kg)	4.35