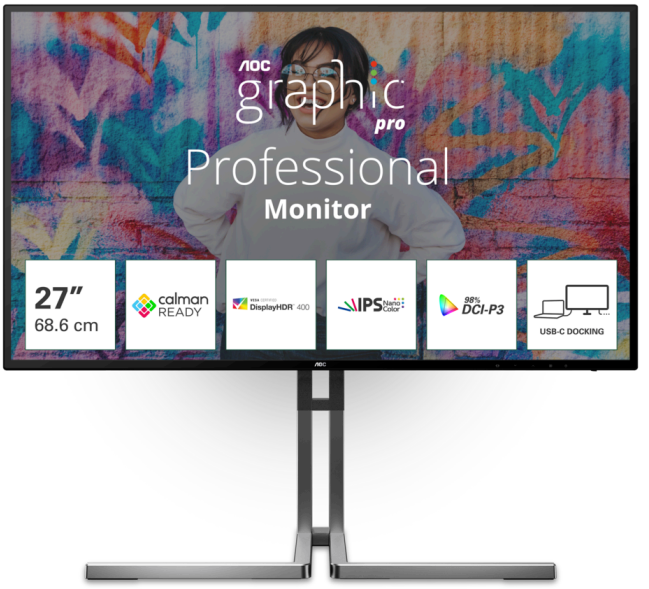
U27U3CV

Precision-engineered for graphics excellence with hardware-calibrated precision (Delta E<2), calman ready calibration, and UHD Nano IPS display

The AOC Graphic Pro U27U3CV delivers exceptional color accuracy straight out of the box, thanks to its hardware calibration achieving Delta E<2 (sRGB). Fine-tune settings effortlessly with the Calman Ready feature for optimal performance. With 98% coverage of the DCI P3, 100% of the sRGB and 100% of the Rec 709 color space, it's ideal for graphic and photo editing, offering superior quality compared to standard monitors. Its Delta E < 2 accuracy ensures precise color rendering, surpassing human eye perception. Enhanced with a 4-sided frameless screen, Vesa DisplayHDR 400, USB-C docking station, and sleek design, it stands as the top choice for professionals.



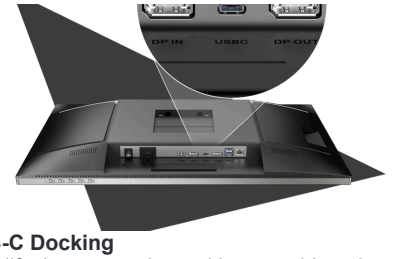
Features

Graphic Pro
Bigger, brighter, and better monitor to unleash creativity. The AOC U3 Graphic Pro monitors convey stunning and accurate colors, sharp details, and smooth motion to meet the needs of creative professionals who work with high-quality visuals. Setting up, adjusting, and connecting with your devices is also easy.

UHD (4K) Resolution
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 shows more detail for sharper and more brilliant images. Whether working on the next beautiful photo, or design, or even just used for productivity, users will marvel at the true, crisp image that only a UHD display can provide.

Red Dot Winner 2023
The AOC U3 Graphic Pro Monitor won the category of product design. The Red Dot Award is among the most valued international competitions for product design, communication design, and design concepts.

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.



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.

98% DCI-P3
The AOC Graphic Pro line offers 98% DCI-P3, 100% sRGB, and 100% Rec. 709 coverage—perfect for creators demanding true-to-life colors and exceptional accuracy in every project.

GENERAL	
Model Name	U27U3CV
Brand	AOC
Channel	B2B
Product line	Ultra-line
Design family	U3
Launch date (ETA)	4/15/2024
EAN	4038986182072

DISPLAY INFORMATION	
Screen size (inch)	27,0
Screen size (cm)	68,6
Flat / Curved	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0,1554
Pixels per Inch	163,0
Panel resolution	3840x2160
Aspect ratio	16:9
Panel type	Nano IPS
Backlight type	WLED
Max Refresh rate	60 Hz
Response time GtG	4 ms
Static contrast ratio	1300:1
Dynamic contrast ratio	50M:1
Viewing angle (CR10)	178/178
Display colours	1.073B (8bits+FRC)
Brightness in nits	HDR 400 nits
Local Dimming Zones	Global Dimming

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	23-75Hz
Digital Signal Frequency Horizontal	30K-140KHz
HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400
Blue Light Technology	Low Blue Light
Multiview (PbP, PiP)	PiP+PbP
Colour space (sRGB) CIE 1931 %	135,2
Flicker-Free	Flicker Free
KVM	Yes

CABINET INFORMATION	
Bezel Colour (front)	Black, Silver
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Removable stand	Yes
Speaker power	3 W x 2
Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMICS	
Tilt	-6.5° ~ 23°
Height adjust (mm)	150mm
Swivel	-30° ~30°
Pivot	-90° ~ 90°

SUSTAINABILITY	
TCO Certified	Yes
Energy star	Energy star 8
EPEAT	Gold
ECMA Eco declaration	Yes
Product carbon footprint (PCF)	Yes
WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes
HF	Yes
PVC/BFR free housing	Yes
Mercury free	Yes
Recycable packaging material	100 % recycable
Recycled packaging material	>80 % recycled carton
Post-consumer recycled plastic	85%
EPA (latest version)	Yes
Low Halogen	Yes
Carton material	Paper
Carton material print	Water Print (Brown Carton)

POWER CONSUMPTION	
Power supply	Internal
Power consumption on (Energystar test method) in watts	25,45
Power consumption standby in watts	0,3
Power consumption off in watts	0,3
Energy class	F

CONNECTIVITY INFORMATION	
HDMI	HDMI 2.0 x 2
DisplayPort	DisplayPort 1.4 x 1
USB Hub	Yes
USB type downstream	USB-A x4, USB-C x1 (Power supply up to 15W)
USB fast charge port	Yes
Audio Output	1x Audio out
DP HDCP version	HDCP 1.4/2.2
USB Type upstream	1x USB-C (DP Alt Mode), USB-C PD: 96W
USB generation	USB 3.2 (Gen 2), 10 Gbit/s
RJ45	1x 10M/100M/1G

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	612.7 x (401.3~543.6) × 238.4
Product dimensions excl. base (WxHxD) mm	612.7× 353.12 x 51.25
Packaging dimensions (WxHxD) mm	825 x 480 x 162
Gross weight incl. package (in kg)	10,02
Net weight excl. package (in kg)	6,54
Product without stand (kg)	4,85

WHAT'S IN THE BOX	
HDMI cable	1.8
Displayport cable	1.8
USB-C to C/A cable	1.2
Power Cable	Yes
Power cable C13	1.8

OTHER INFORMATION	
Warranty period	3 years