

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	350 cd/m2
Local Dimming Zones	Global Dimming

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	40-60Hz
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
Colour space (sRGB) CIE 1976 %	130,3
Colour space (DCI-P3) CIE 1931 %	99,7
Colour space (DCI-P3) CIE 1976 %	103,8
Colour space (Adobe RGB) CIE 1931 %	100,2
Colour space (Adobe RGB) CIE 1976 %	111,6
Flicker-Free	Flicker Free
KVM	Yes

CABINET INFORMATION	
Bezel Colour (front)	Black
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Removable stand	Yes
Speaker power	3 W x 2
Kensington Lock	Yes
Vesa wallmount	100x100
Monitor Webcam	No

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

SUSTAINABILITY	
TCO Certified	Yes
EPEAT	Yes (any level)
Post-consumer recycled plastic	85%
EPA (latest version)	Yes
Halogen free	Yes
Carton material	Paper
Carton material print	Water Print (Brown Carton)

POWER CONSUMPTION	
Power supply	Internal
Power consumption on (typical) in watts	44,0
Power consumption standby in watts	0,3
Power consumption off in watts	0,3

CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 2
Digital HDCP (HDMI version)	HDCP 2.2
DisplayPort	DisplayPort 1.4 x 1
USB Hub	Yes
USB type downstream	USB-A x4, USB-C x1 (Power supply up to 15W)
Audio/microphone	1x Audio out
DP HDCP version	HDCP 2.2
mini USB (for external keypad)	No
USB Type Upstream	1 x USB3.2 type C Gen 2, 10 Gbit/s
USB generation	USB 3.2 (Gen 2)
RJ45	1x 10M/100M/1G

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	612.7 x (401.3~543.6) x 238.4
Product dimensions excl. base (WxHxD) mm	612.7x 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

OTHER INFORMATION

Warranty period	3 years
MTBF	30.000 hours (with backlight)

LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products and accessories mentioned may vary by country and region. All Rights reserved. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions.