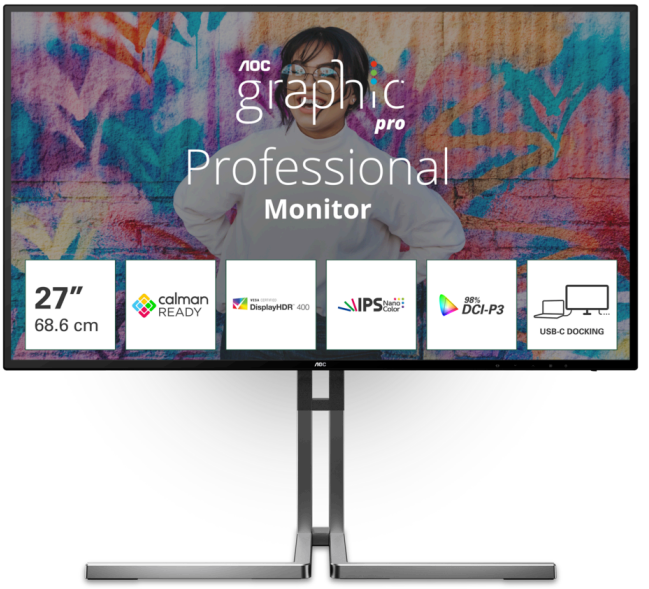
# U27U3CV

## 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.



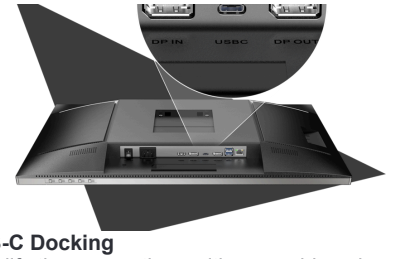

## Features

**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 |