Q27U3CV

Precision-engineered for graphics excellence with hardware-calibrated precision (Delta E<2), calman ready calibration, and stunning IPS QD panel

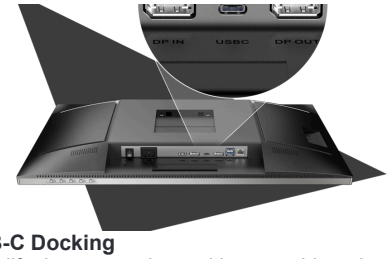
The AOC Graphic Pro Q27U3CV ensures incredibly accurate colors right out of the box, thanks to its hardware calibration, which achieves a Delta E<2 (sRGB). With the Calman Ready feature, you can easily fine-tune the settings for optimal performance. Covering 98% of the DCI P3 color space, as well as 100% of sRGB and Rec 709, it's perfect for graphic and photo editing, offering superior quality compared to standard monitors. Its Delta E<2 accuracy guarantees precise color rendering, even beyond what the human eye can perceive. Combined with its IPS QD panel, Vesa DisplayHDR 400, USB-C docking station, and sleek design, it's 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.

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.

Daisy Chain
MST gives your DisplayPort 1.2 source monitor the ability to divide multiple video streams from a single desktop or laptop video output to multiple independent destination monitors using a single DisplayPort cable connection.



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.

QHD Resolution
With 2560 x 1440 resolution, Quad HD (QHD) offers superior picture quality and sharp imagery that reveals the finest details. The widescreen 16:9 aspect ratio provides plenty of space to spread out and work, plus allows you to enjoy games or movies in their original size.

GENERAL	
Model Name	Q27U3CV
Brand	AOC
Channel	B2B
Product line	Ultra-line
Design family	U3
EAN	4038986182065

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)	0,2331
Pixels per Inch	109,0
Panel resolution	2560x1440
Aspect ratio	16:9
Panel type	IPS QD
Backlight type	WLED
Max Refresh rate	75 Hz
Response time GtG	4 ms
Static contrast ratio	1000:1
Dynamic contrast ratio	50M:1
Viewing angle (CR10)	178/178
Display colours	16.7M (8bits)
Brightness in nits	HDR 420 nits
Local Dimming Zones	Local Dimming

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	48-75Hz
Digital Signal Frequency Horizontal	HDMI 1.4: 30K-140KHz, DP1.4/USB C: 30K-114KHz
HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400
Colour space (sRGB) CIE 1931 %	144,5
Flicker-Free	Flicker Free

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	20,25
Power consumption standby in watts	0,3
Power consumption off in watts	0,3
Energy class	E

REGULATORY COMPLIANCE	
CB	Yes
CE	Yes
TUV-GS-Mark	Yes
ISO 9241-307	Yes
EAC	Yes
FCC	Yes

CONNECTIVITY INFORMATION	
HDMI	HDMI 1.4 x 1
DisplayPort	DisplayPort 1.2 x 1, DisplayPort Out
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
DisplayPort output	1x DP-Out 1.2
USB Type upstream	1x USB-C (DP Alt Mode), USB-C PD: 96W
USB generation	USB 3.2 (Gen 1), 5 Gbit/s
RJ45	1x 10M/100M/1G

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	613.8 x (401.3~547.7) x 238.4
Product dimensions excl. base (WxHxD) mm	613.8 x 365.0 x 52.5
Packaging dimensions (WxHxD) mm	825 x 480 x 162
Gross weight incl. package (in kg)	9,99
Net weight excl. package (in kg)	4,8
Product without stand (kg)	6,5

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