



AOC U3 U27U3CV computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black

Brand : AOC

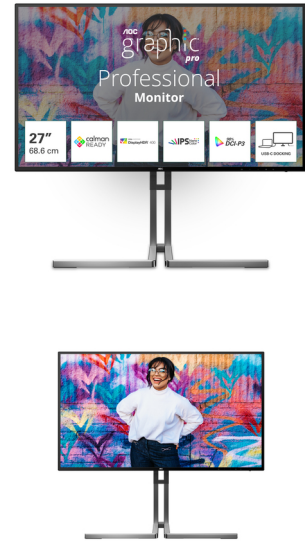
Product family: U3

Product code: U27U3CV

Product name : U27U3CV

Screen size (inch) 27, Panel resolution 3840x2160, Max Refresh rate 60 Hz, Panel type Nano IPS, USB-C connectivity 1 x USB-C (DP1.4 Alt Mode, USB3.2 Gen 2 - upstream, 10Gbps, w/ HDR, Max. PD 96W Smart Power, HDR, Adaptive Sync), 1 x USB-C (USB3.2 Gen 2 - upstream, 10Gbps), 1 x USB-C (USB3.2 Gen 2 - downstream, 10Gbps, power supply up to 15W), HDMI HDMI 2.0 x 2, Display Port DisplayPort 1.4 x 1, Sync technology (VRR) Adaptive Sync

AOC U3 U27U3CV. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	68.6 cm (27")	Headphone outputs	1
Display resolution *	3840 x 2160 pixels	Built-in KVM switch	✓
HD type *	4K Ultra HD	AC (power) in	✓
Native aspect ratio *	16:9	Network	
Display technology *	LCD	Ethernet LAN	✓
Panel type *	Nano IPS	Ergonomics	
LED backlight	✓	VESA mounting *	✓
Backlight type	W-LED	Panel mounting interface	100 x 100 mm
Touchscreen *	✗	Cable lock slot *	✓
Display brightness (typical)	400 cd/m²	Cable lock slot type	Kensington
Response time *	4 ms	Height adjustment *	✓
Response time measurement type	GTG (Gray to Gray)	Adjustable height (max)	15 cm
Anti-glare screen	✓	Pivot	✓
Screen shape *	Flat	Pivot angle	-90 - 90°
Contrast ratio (typical) *	1300:1	Swivelling	✓
Contrast ratio (dynamic)	50000000:1	Swivel angle range	-30 - 30°
Maximum refresh rate *	60 Hz	Tilt adjustment	✓
Viewing angle, horizontal	178°	Tilt angle range	-6.5 - 23°
Viewing angle, vertical	178°	Picture-in-Picture	✓
Display number of colours *	1.073 billion colours	Plug and Play	✓
Pixel pitch	0.1554 x 0.1554 mm	Power	
Pixel density	163 ppi	Energy efficiency class (SDR) *	F
Horizontal scan range	30 - 140 kHz	Energy efficiency class (HDR) *	G
Vertical scan range	23 - 75 Hz	Energy consumption (SDR) per 1000 hours *	26 kWh
Viewable size, horizontal	59.7 cm	Energy consumption (HDR) per 1000 hours *	60 kWh
Viewable size, vertical	33.6 cm	Power consumption (typical) *	25.45 W
Digital horizontal frequency	30 - 140 kHz	Power consumption (standby) *	0.3 W
Digital vertical frequency	23 - 75 Hz		
Display diagonal (metric)	68.6 cm		
High Dynamic Range (HDR) supported	✓		

Display		Power	
High Dynamic Range (HDR) technology	DisplayHDR 400	Power consumption (max)	206 W
DDC/CI	✓	Power consumption (off)	0.3 W
Haze rate	25%	AC input voltage	100 - 240 V
Surface hardness	3H	AC input frequency	50/60 Hz
Colour gamut standard	DCI-P3	Input current	3 A
Colour gamut	98%	Power supply type	Internal
sRGB coverage (typical)	135.2%	Energy efficiency scale	A to G
Performance		Operational conditions	
Fast charging	✓	Operating temperature (T-T)	0 - 40 °C
VESA Adaptive Sync support	✓	Storage temperature (T-T)	-25 - 55 °C
Flicker-free technology	✓	Operating relative humidity (H-H)	10 - 85%
Low Blue Light technology	✓	Storage relative humidity (H-H)	5 - 93%
Multimedia		Operating altitude	0 - 5000 m
Number of speakers	2	Non-operating altitude	0 - 12192 m
RMS rated power	6 W	Weight & dimensions	
Built-in speaker(s) *	✓	Width (with stand)	612.7 mm
Built-in camera *	✗	Depth (with stand)	238.4 mm
Design		Height (with stand)	543.6 mm
Market positioning *	Graphics design	Weight (with stand)	6.54 kg
Product colour *	Black	Height (without stand)	51.2 mm
Frameless design	✓	Weight (without stand)	4.85 kg
Front bezel colour	Black/Silver	Packaging data	
Detachable stand	✓	Package width	825 mm
Feet colour	Grey	Package depth	162 mm
Ports & interfaces		Package height	480 mm
Built-in USB hub *	✓	Package weight	10 kg
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Package type	Box
USB upstream port type	USB Type-C	Packaging content	
Number of upstream ports	2	Stand included	✓
USB Type-A downstream ports quantity	4	Cables included	AC, HDMI, DisplayPort, USB Type-C
USB Type-C downstream ports quantity	1	Quick start guide	✓
USB Type-C DisplayPort Alternate Mode	✓	DisplayPort cable length	1.8 m
USB Power Delivery (USB PD)	✓	HDMI cable length	1.8 m
USB Power Delivery up to	96 W	Power cable length	1.8 m
HDMI *	✓	Sustainability	
HDMI ports quantity	2	Sustainability certificates	EPEAT Gold, TCO
HDMI version	2.0	Doesn't contain	Mercury, PVC/BFR
DisplayPorts quantity	1	Other features	
DisplayPort version	1.4	Local dimming	✓
Audio output	✓	Bezel thickness type	Frameless
Headphone out *	✓	Warranty period	3 year(s)
		Mean time between failures (MTBF)	30000 h
		Certification	WEEE, REACH compliant, RoHS compliant, HF



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