AOC

AOC Q27U3CV computer monitor 68.6 cm (27") 2560 x 1440 pixels 4K Ultra HD LCD Black

Brand : AOC
Product code: Q27U3CV

Product name : Q27U3CV

Screen size (inch) 27, Panel resolution 2560x1440, Max Refresh rate 75 Hz, Panel type IPS QD, USB-C connectivity 1 x USB-C (DP1.2 Alt Mode, USB3.2 Gen 1 - upstream, 5Gbps, w/ HDR, PD 96W Smart Power, HDR, Adaptive Sync) 1 x USB-C (USB3.2 Gen 1 - downstream, 5Gbps, PD 15W), HDMI HDMI 1.4 x 1, Display Port DisplayPort 1.2 x 1, D-SUB (VGA) 0x, DVI 0x, Sync technology (VRR) Adaptive Sync AOC Q27U3CV. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: 4K Ultra HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 16:9. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS Quantum Dot
Touchscreen *	✘
Display brightness (peak)	420 cd/m²
Response time *	4 ms
Screen shape *	Flat
Maximum refresh rate *	75 Hz
Pixel pitch	0.2331 x 0.2331 mm
Horizontal scan range	30 - 140 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68.5 cm
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 400
DDC/CI	✓
Colour gamut standard	DCI-P3
Colour gamut	98%
sRGB coverage (typical)	144.5%
NTSC coverage (typical)	119.3%
Adobe RGB coverage	117.3%
BT.2020 coverage	79.4%

Performance

Fast charging	✓
VESA Adaptive Sync support	✓
Flicker-free technology	✓

Ports & interfaces

Headphone outputs	1
HDCP	✓
HDCP version	2.2
AC (power) in	✓

Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✓
Height adjustment	15 cm
Pivot	✓
Pivot angle	-90 - 90°
Swivelling	✓
Swivel angle range	-15 - 15°
Tilt adjustment	✓
Tilt angle range	-6.5 - 23°
Plug and Play	✓
LED indicators	✓

Power

Power consumption (typical) *	27 W
Power consumption (standby) *	0.3 W
Power consumption (max)	185 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Input current	3 A
Power supply type	Internal

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-25 - 55 °C

Multimedia

Number of speakers	2
RMS rated power	6 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Graphics design
Product colour *	Black
Frameless design	✔
Detachable stand	✔
Feet colour	Grey

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-C
Number of upstream ports	1
USB Type-A downstream ports quantity	4
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Power Delivery up to	96 W
HDMI *	✔
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	2
DisplayPort version	1.2
Headphone out *	✔

Operational conditions

Operating relative humidity (H-H)	10 - 85%
Storage relative humidity (H-H)	5 - 93%
Operating altitude	0 - 5000 m
Non-operating altitude	0 - 12192 m

Weight & dimensions

Width (with stand)	613.8 mm
Depth (with stand)	238.4 mm
Height (with stand)	547.7 mm
Weight (with stand)	6.5 kg
Width (without stand)	613.8 mm
Depth (without stand)	52.5 mm
Height (without stand)	365 mm
Weight (without stand)	4.8 kg

Packaging data

Package width	825 mm
Package depth	162 mm
Package height	480 mm
Package weight	9.99 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	AC, DisplayPort, HDMI, USB
Quick start guide	✔
DisplayPort cable length	1.8 m
HDMI cable length	1.8 m

Sustainability

Sustainability compliance	✔
Sustainability certificates	EPEAT, TCO
Doesn't contain	Halogen

Other features

Compatible operating systems	Windows 8.1/10/11

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