AOC

AOC U27P2CA computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LED Black

Brand : AOC

Product name : U27P2CA

Product code: U27P2CA

Screen size (inch) 27, Panel resolution 3840x2160, Refresh rate 60 Hz, Panel type IPS, USB-C connectivity USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 65 W), HDMI HDMI 2.0 x 2, Display Port DisplayPort 1.2 x 1, D-SUB (VGA) 0x, DVI 0x, Sync technology (VRR) Adaptive Sync

AOC U27P2CA computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LED Black:

27" productivity-focused monitor with 4K UHD resolution, USB-C with PD and Adaptive Sync

The U27P2CA is the perfect match for professionals and businesses who seek enhanced productivity and rich connectivity. It sports USB-C with 65W Power Delivery, 4 USB 3.2 and a 27" IPS panel with wide viewing angles and 4K UHD resolution. This monitor is also gaming ready with Adaptive Sync that ensures effortlessly smooth action

Display

Display diagonal *	68.6 cm (27")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	IPS
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	350 cd/m²
Response time *	4 ms
Display surface	Matt
Anti-glare screen	✔
Screen shape *	Flat
Supported graphics resolutions	3840 x 2160
Supported video modes	2160p
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	50000000:1
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.1554 x 0.1554 mm
Pixel density	1638 ppi
Horizontal scan range	30 - 140 kHz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68.6 cm
Surface hardness	3H
Colour depth	10 bit
Colour gamut standard	sRGB
sRGB coverage (typical)	112%
Adobe RGB coverage	81%
Display scanning frequency	HDMI 2.0/DP 1.2: 30-140 KHz (H), HDMI 2.0/DP 1.2: 23 - 75 Hz (V)

Performance

NVIDIA G-SYNC *	✘

Ports & interfaces

Mobile High-Definition Link (MHL)	✘

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	✔
Swivelling	✔
Swivel angle range	-180 - 180°
Tilt adjustment	✔
Tilt angle range	-5 - 35°
On Screen Display (OSD)	✔
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Italian, Japanese, Polish, Portuguese, Russian, Swedish
Number of OSD languages	16

Power

Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	Not available
Energy consumption (SDR) per 1000 hours *	32 kWh
Energy consumption (HDR) per 1000 hours *	32 kWh
Power consumption (typical) *	37 W
Power consumption (standby) *	0.5 W
Power consumption (max)	75 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	709703

Performance

AMD FreeSync *	✘
Fast charging	✔
VESA Adaptive Sync support	✔
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

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

Design

Market positioning *	Business
Product colour *	Black
Frameless design	✔
Front bezel colour	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	65 W
DVI port	✘
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone out *	✔
Headphone outputs	1
Headphone connectivity	3.5 mm
Built-in KVM switch	✔

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-25 - 55 °C
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)	613.6 mm
Depth (with stand)	200.1 mm
Height (with stand)	544.5 mm
Weight (with stand)	7.1 kg
Width (without stand)	613.6 mm
Depth (without stand)	51.1 mm
Height (without stand)	369.5 mm
Weight (without stand)	5.1 kg

Packaging data

Package width	690 mm
Package depth	160 mm
Package height	595 mm
Package weight	9.6 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	Audio (3.5mm), DisplayPort, HDMI
Audio cable length	1.8 m
DisplayPort cable length	1.8 m
HDMI cable length	1.8 m

Other features

Compatibility	VESA-P2
Exterior finish type	Textured
Heavy metals free	Hg (mercury)
Compliance certificates	WEEE
Light effects	✘
Certification	ISO

Logistics data

Harmonized System (HS) code	85285210

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