

AOC P2 U27P2, 68.6 cm (27"), 3840 x 2160 pixels, 4K Ultra HD, LED, 4 ms, Black

Screen size (inch) 27 - Panel resolution 3840x2160 - Refresh rate 60 Hz - Panel type IPS - HDMI HDMI 2.0 x 2 - Display Port DisplayPort 1.2 x 1 - Sync technology (VRR) Adaptive Sync

Group	Flat Screens
Manufacturer	AOC
Manufacturer item no.	U27P2
EAN/UPC	4038986187343



Description

Sparkling images and peak performance in a 27" UHD 4K display

The U27P2 is equipped with a wide array of features designed to help today's professionals reach their productivity potential. Its flat 27" IPS screen delivers UHD 4K resolution and 350 cd/m2 of brightness with a slim, elegant 3-sided frameless design. Featuring 178°/178° wide viewing angles and a USB 3.2 hub, it can be tilted, swiveled and height adjusted to the ideal position and is compatible with HDMI and DP.

Main features

	General
Display diagonal	68.6 cm
Display resolution	3840 x 2160 pixels
HD type	4K Ultra HD
Display technology	LED
Display surface	Matt
Response time	4 ms
Native aspect ratio	16:9
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Built-in speaker(s)	Yes
Built-in USB hub	Yes
USB hub version	3.2 Gen 1 (3.1 Gen 1)
VESA mounting	Yes
Height adjustment	Yes
Product colour	Black

Extended details

	Display
Display diagonal	68.6 cm

Display resolution	3840 x 2160 pixels
Native aspect ratio	16:9
Display technology	LED
Touchscreen	No
HD type	4K Ultra HD
Panel type	IPS
LED backlight	Yes
Backlight type	W-LED
Display brightness (typical)	350 cd/m ²
Response time	4 ms
Response time measurement type	GTG (Gray to Gray)
Display surface	Matt
Anti-glare screen	Yes
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	0.155 x 0.155 mm
Pixel density	163 ppi
Horizontal scan range	30 - 140 kHz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 140 kHz
Display diagonal (metric)	68.6 cm
Surface hardness	3H
Colour depth	10 bit
Colour gamut standard	sRGB
sRGB coverage (typical)	109 %
NTSC coverage (typical)	77 %
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	No
AMD FreeSync	Yes
AMD FreeSync refresh rate range	40 - 60 Hz
Fast charging	Yes
Flicker-free technology	Yes
Low Blue Light technology	Yes
Ports & interfaces	
Built-in USB hub	Yes
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB Type-A downstream ports quantity	4
VGA (D-Sub) ports quantity	0
DVI port	No
HDMI	Yes
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Audio input	Yes
Headphone out	Yes
Headphone connectivity	3.5 mm
Microphone in	Yes
Design	
Market positioning	Business
Product colour	Black
Frameless design	Yes
Front bezel colour	Black
Detachable stand	Yes
Feet colour	Black
Multimedia	
Built-in speaker(s)	Yes
Number of speakers	2
RMS rated power	4 W
Built-in camera	No
Built-in microphone	No
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm

Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	Yes
Adjustable height (max)	15 cm
Pivot	Yes
Pivot angle	0 - 180 °
Swivelling	Yes
Swivel angle range	-180 - 180 °
Tilt adjustment	Yes
Tilt angle range	-5 - 35 °
Picture-in-Picture	Yes
On Screen Display (OSD)	Yes
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Croatian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Ukrainian
Number of OSD languages	16
Other features	
Compatibility	VESA-P2
Picture-by-Picture (PbP)	Yes
Exterior finish type	Textured
Recyclable packaging material	100 %
Heavy metals free	Hg (mercury)
Bezel thickness type	Frameless
Warranty period	3 year(s)
Compliance certificates	CE
Light effects	No
Certification	WEEE, REACH compliant, RoHs compliant, HF, CB, TUV-GS-Mark, ISO 9241-307, FCC, Microsoft WHQL
Packaging content	
Stand included	Yes
Cables included	AC, HDMI, DisplayPort
Audio cable length	1.8 m
DisplayPort cable length	1.8 m
HDMI cable length	1.8 m
Power cable length	1.8 m
Weight & dimensions	
Width (with stand)	613.6 mm
Depth (with stand)	200.1 mm
Height (with stand)	544.5 mm

Weight (with stand)	6.7 kg
Width (without stand)	613.6 mm
Depth (without stand)	51.1 mm
Height (without stand)	369.5 mm
Packaging data	
Package width	690 mm
Package depth	160 mm
Package height	595 mm
Package weight	9.3 kg
Package type	Box
Power	
Energy efficiency class (SDR)	F
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	30 kWh
Energy consumption (HDR) per 1000 hours	33 kWh
Power consumption (typical)	22.54 W
Power consumption (standby)	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	405275
External power adapter	No
Sustainability	
Sustainability certificates	EPEAT Silver, TCO
Doesn't contain	Mercury, PVC/BFR
Recycling data	
Post-consumer recycled plastic	85 %
Logistics data	
Harmonized System (HS) code	85285210