

AOC B3 Q27B35E, 68.6 cm (27"), 2560 x 1440 pixels, Quad HD, LED, 4 ms, Black

Screen size (inch) 27 - Panel resolution 2560x1440 - Max Refresh rate 75 Hz - Response time MPRT 1 ms - Panel type IPS - HDMI HDMI 1.4 x 1 - DisplayPort DisplayPort 1.4 x 1 - Sync technology (VRR) Adaptive Sync

Group	Flat Screens
Manufacturer	AOC
Manufacturer item no.	Q27B35E
EAN/UPC	4038986183062



Description

Enjoy crisp visuals with the 27-inch QHD monitor featuring a 1ms MPRT response time, HDR10, and IPS technology
 The AOC Q27B35E offers a 27" QHD display with 1ms MPRT for ultra-fast response, and HDR10 support for enhanced contrast and color vibrancy. The IPS panel ensures accurate colors and wide viewing angles, making it ideal for work and entertainment alike. With low blue light technology, this monitor minimizes eye strain, providing comfortable viewing even during extended use.

Main features

	General
Display diagonal	68.6 cm
Display resolution	2560 x 1440 pixels
HD type	Quad HD
Display technology	LED
Response time	4 ms
Native aspect ratio	16:9
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
VESA mounting	Yes
Product colour	Black

Extended details

	Display
Display diagonal	68.6 cm
Display resolution	2560 x 1440 pixels
Native aspect ratio	16:9
Display technology	LED
Touchscreen	No

HD type	Quad HD
Panel type	IPS
LED backlight	Yes
Backlight type	W-LED
Display brightness (typical)	300 cd/m ²
Response time	4 ms
Response time measurement type	GTG (Gray to Gray)
Response time (MPRT)	1 ms
Anti-glare screen	Yes
Screen shape	Flat
Contrast ratio (typical)	1500:1
Contrast ratio (dynamic)	20000000:1
Maximum refresh rate	75 Hz
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Display number of colours	16.7 million colours
Pixel pitch	0.233 x 0.233 mm
Pixel density	108.79 ppi
Digital horizontal frequency	30 - 140 kHz
Digital vertical frequency	48 - 75 Hz
Display diagonal (metric)	68.6 cm
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
Surface hardness	3H
sRGB coverage (typical)	124.7 %
Adobe RGB coverage	98.9 %
DCI-P3 coverage	89.6 %
Ports & interfaces	
Built-in USB hub	No
HDMI	Yes
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.4
Design	
Market positioning	Consumer

Product colour	Black
Frameless design	Yes
Front bezel colour	Black
Detachable stand	Yes
Multimedia	
Built-in speaker(s)	No
Built-in camera	No
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	No
Tilt adjustment	Yes
Tilt angle range	-5 - 25 °
Performance	
VESA Adaptive Sync support	Yes
Flicker-free technology	Yes
Low Blue Light technology	Yes
Other features	
Local dimming	Yes
Bezel thickness type	Frameless
Warranty period	3 year(s)
Compliance certificates	CE
Certification	WEEE,REACH compliant,RoHs compliant,CB,TUV-Bauart-Mark,ISO 9241-307,EAC,FCC
Packaging content	
Cables included	AC, HDMI
HDMI cable length	1.5 m
Weight & dimensions	
Width (with stand)	614.5 mm
Depth (with stand)	195.9 mm
Height (with stand)	451.8 mm
Weight (with stand)	3.03 kg
Width (without stand)	614.5 mm
Depth (without stand)	35.2 mm
Height (without stand)	363.1 mm
Weight (without stand)	2.82 kg
Packaging data	

Package width	690 mm
Package depth	124 mm
Package height	480 mm
Package weight	5.31 kg
Power	
Energy efficiency class (SDR)	C
Energy efficiency class (HDR)	F
Energy consumption (SDR) per 1000 hours	13 kWh
Energy consumption (HDR) per 1000 hours	25 kWh
Power consumption (typical)	20 W
Power consumption (standby)	0.3 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	External
Energy efficiency scale	A to G