



27B2H

27 inch (68.6 cm) LCD MONITOR

Sleek and super-thin design, flexible inputs, large 27" IPS panel with popping colours and eye-saving features

75 Hz



IPS Panel

No matter if you are viewing photos, videos, a magazine layout in InDesign or playing your favourite game – we want your content to look excellent from whatever angle you are seeing it. That is why this display comes with an advanced IPS panel, which produces brilliant colours and offers wide viewing angles. This way, images always look excellent and accurate, regardless from which angle you – or your friends and co-workers sitting or standing next to you – are looking at the screen.



Full HD Resolution

Want to watch a Blu-ray movie in full quality, enjoy games in high resolution or read crisp text in office applications? Thanks to its Full HD resolution of 1920 x 1080 pixels, this monitor lets you do just that. Whatever you are viewing, with Full HD it will be displayed in rich detail without requiring a high-end graphics card or consuming a lot of your system's resources.



HDMI

HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).



Lowblue Light

AOC Lowblue Light protects you from harmful blue light which, during long sessions, has been shown to cause eye strain, headaches, and sleeping disorders. Our Lowblue Light feature reduces the harmful wavelengths emitted without sacrificing color composition, setting the experience free from the worry of eye damage.



Frameless

Besides looking modern and attractive, frameless designs enable seamless multi-monitor setups. Your cursor/windows will not be lost anymore in the dark abyss of bezels, when many displays are placed side by side.



Wide viewing angle

Wide Viewing Angle features display color accurately at viewing angles of up to 178°. This way, it does not matter where you choose to view it from, colors will be displayed perfectly.

General

| | |
|----------------|-----------------|
| Model name | 27B2H |
| EAN | 4038986187183 |
| Product Line | Basic-line |
| Channel | B2C |
| Classification | Mainstream |
| Section | Consumer |
| Launch date | 01-02-2019 |
| Continent | Europe, America |

Screen

| | |
|--------------------------|---|
| Resolution | 1920x1080 |
| Refresh rate | 75Hz |
| Screen size (inch) | 27 inch |
| Screen size (cm) | 68.6 cm |
| Flat / Curved | Flat |
| Backlight | WLED |
| Panel Type | IPS |
| Aspect ratio | 16:9 |
| Display Colours | 16.7 Million |
| Panel Colour in Bits | 8 |
| sRGB Coverage (%) | 101 |
| Adobe RGB Coverage (%) | 74 |
| NTSC coverage (%) | 72 % |
| Active Screen Area (HxW) | 527,04x296,46 mm mm |
| Pixel Pitch | 0.3114 |
| Scanning Frequency | 30 -83kHz (H) / 50 -76 Hz (V) |
| Response time (GtG) | 7 ms |
| Contrast (static) | 1000:1 |
| Contrast (dynamic) | 20M:1 |
| Brightness (typical) | 250 cd/m ² |
| Viewing angle (CR10) | 178/178 ° |
| Hard Glass | 3H |
| OSD languages | EN, FR , ES, PT, DE, IT, NL, SE, FI, PL ,CZ, RU, KR, CN (T), CN (S), JP |

Exterior

| | |
|----------------|--------|
| Monitor colour | Black |
| Bezel Type | Normal |

Ergonomics

| | |
|----------------|-----------|
| Vesa Wallmount | 100x100 |
| Tilt | -5/21.5 ° |

Multimedia

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|--------------|-----------------------|
| Audio output | Headphone out (3.5mm) |
|--------------|-----------------------|

Connectivity and Multimedia

| | |
|--------------|-------------------|
| Signal Input | HDMI 1.4 x 1, VGA |
|--------------|-------------------|

What's in the Box?

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|-----------------|--------|
| VGA cable | 1.5 m |
| Power Cable C13 | 1.5m m |

Power / Environmental

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|---------------------------------------|--------------------|
| Powersupply | External |
| Powersource | 100 - 240V 50/60Hz |
| PowerConsumption On (Energystar) | 22 watt |
| PowerConsumption Standby (Energystar) | 0.5 watt |
| PowerConsumption Off (Energystar) | 0.5 watt |
| EnergyClass | A+ |

Approbations / Regulations

| | |
|------------------------------|---|
| Listed on Energystar Website | ✓ |
| TUV-GS | ✓ |
| FCC | ✓ |
| EAC | ✓ |
| Reach compliant | ✓ |

Warranty

| | |
|-----------------|--------------|
| Warranty Period | 3 Years |
| MTBF | 50.000 hours |

Dimensions / Weights

| | |
|----------------------------------|----------------------------------|
| Product dimensions incl base | 456.39(H) *612.14(W) * 182.95(D) |
| Product dimensions excl base | 612.14 (W) x361.39(H)x37.6(D)mm |
| Packaging Dimensions (L x W x H) | 492x614x131 mm |
| Product Dimensions (incl base) | 419.8x540.1x186.8 mm |
| Gross Weight (including package) | 5.5 Kg |
| Net Weight (excluding package) | 3.6 Kg |

Texts and USP

| | |
|-----------------|---|
| Marketing title | 27 inch 1920x1080@75Hz 7 ms IPS HDMI 1.4 x 1, VGA |
|-----------------|---|

Features

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|-----------------------|----------------|
| Flicker-free | ✓ |
| Blue Light Technology | Low blue light |
| Kensington Lock | ✓ |