

AOC Q27V5N 27-Inch QHD FreeSync Monitor Specifications And Datasheet

Contents

- [1 AOC Q27V5N 27-Inch QHD FreeSync Monitor](#)
- [2 General marketing text](#)
- [3 Technical Specifications](#)
- [4 Features](#)
- [5 FAQ's](#)
- [6 Related Posts](#)



AOC Q27V5N 27-Inch QHD FreeSync Monitor



General marketing text

Screen size (inch) 27, Panel resolution 2560×1440, Refresh rate 75 Hz, Panel type VA, HDMI HDMI 1.4 x 2, Display Port DisplayPort 1.2 x 2, D-SUB (VGA) 0x, DVI 0x, Sync technology (VRR) Adaptive sync (Freesync Premium Pro after AMD certified)

Technical Specifications

Display

- **Display diagonal** 68.6 cm (27")
- **Display resolution** 2560 x 1440 pixels
- **Native aspect ratio** 16:9
- **Display technology** LED
- **Touchscreen**
- **HD type** Quad HD
- **Panel type** VA
- **Screen shape** Flat
- **Contrast ratio (typical)** 4000:1
- **Maximum refresh rate** 75 Hz
- **Display number of colours** 16.7 million colours
- **Backlight type** W-LED
- **Display brightness (typical)** 300 cd/m²
- **Response time** 4 ms
- **Anti-glare screen** Yes
- **Contrast ratio (dynamic)** 20000000:1
- **Viewing angle, horizontal** 178°
- **Viewing angle, vertical** 178°
- **Pixel pitch** 0.2331 x 0.2331 mm
- **Pixel density** 108.8 ppi
- **Display diagonal (metric)** 68.6 cm
- **Surface hardness** 6H
- **sRGB coverage (typical)** 110%
- **NTSC coverage (typical)** 94%
- **Adobe RGB coverage** 95%

Performance

- **NVIDIA G-SYNC** –
- **AMD FreeSync** Yes
- **AMD FreeSync type** FreeSync Premium Pro
- **Fast charging** –
- **Flicker-free technology** Yes
- **Low Blue Light technology** Yes
- **Brand-specific features** False

Multimedia

- **Built-in speaker(s)** Yes
- **Built-in camera** –
- **Number of speakers** 2
- **RMS rated power** 6 W
- **Built-in microphone** –

Design

- **Market positioning** Home
- **Product colour** Black
- **Frameless design** Yes
- **Front bezel colour** Black
- **Detachable stand** Yes
- **Feet colour** Black
- **Certification** True

Ports & interfaces

- **Built-in USB hub** –
- **HDMI** Yes
- **Headphone out** Yes
- **DVI port** –
- **HDMI ports quantity** 2
- **HDMI version** 1.4
- **DisplayPorts quantity** 2
- **DisplayPort version** 1.2
- **Headphone outputs** 1
- **Headphone connectivity** 3.5 mm
- **HDCP** Yes
- **HDCP version** 1.4
- **AC (power) in** Yes
- **Mobile High-Definition Link (MHL)** –

Ergonomics

- **Cable lock slot** Yes
- **Height adjustment** 13 cm
- **Cable lock slot type** Kensington
- **Pivot** Yes
- **Swivelling** Yes
- **Tilt angle range** 3.5 – 21.5°
- **On Screen Display (OSD)** Yes
- **On Screen Display (OSD) languages** Simplified Chinese, Traditional Chinese, Croatian, Czech, German, Dutch, English, Spanish, Finnish, French, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish,

Turkish, Ukrainian

- **Number of OSD languages** 19
- **LED indicators** Yes
- **Tilt adjustment** Yes

Power

- **Power consumption (typical)** 30 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

Packaging content

- **Stand included** Yes
- **Cables included** AC
- **HDMI cable length** 1.5 m

Weight & dimensions

- **Width (with stand)** 613 mm
- **Depth (with stand)** 200 mm
- **Height (with stand)** 516.6 mm
- **Weight (with stand)** 6.08 kg
- **Width (without stand)** 61.3 cm
- **Depth (without stand)** 4.46 cm
- **Height (without stand)** 36.3 cm

Packaging data

- **Package width** 840 mm
- **Package depth** 141 mm
- **Package height** 456 mm
- **Package weight** 8.53 kg

Other features

- **DCI-P3 coverage** 88%
- **Exterior finish type** Matt
- **Mean time between failures (MTBF)** 50000 h
- **Light effects** –

General

- **Warranty** Manufacturer warranty: 3 years

Features

1. **Display Size and Resolution:**

The monitor boasts a 27-inch display size, providing a generous viewing area. It also offers a QHD (Quad HD) resolution of 2560 x 1440 pixels, delivering sharp and detailed images.

2. **IPS Panel:**

The monitor utilizes an IPS (In-Plane Switching) panel, offering wide viewing angles and accurate colour reproduction. This ensures consistent and vibrant visuals from various viewing positions.

3. **FreeSync Technology:**

The monitor supports AMD FreeSync technology, which synchronizes the monitor's refresh rate with the graphics card's output. This helps to eliminate screen tearing and stuttering, resulting in smoother gameplay and improved visual quality.

4. **Fast Response Time:**

With a fast response time of typically 5 milliseconds (grey-to-grey), the monitor minimizes motion blur and ghosting, allowing for smoother and more fluid visuals, particularly during fast-paced gaming or action scenes.

5. **High Contrast Ratio:**

The monitor features a high contrast ratio, providing deep blacks and bright whites for enhanced image depth and detail.

6. **Slim Design:**

The Q27V5N sports a slim and sleek design, making it aesthetically pleasing and suitable for modern setups or workspaces.

7. **Connectivity Options:**

The monitor offers various connectivity options, including HDMI and DisplayPort inputs, allowing you to connect it to a wide range of devices such as computers, gaming consoles, and media players.

8. **VESA Mount Compatibility:**

The monitor is VESA mount compatible, enabling you to easily mount it on a compatible monitor arm or stand for personalized positioning and optimal viewing comfort.

9. **Flicker-Free Technology:**

The monitor utilizes Flicker-Free technology, reducing eye strain and fatigue by minimizing screen flickering.

10. **Low Blue Light Mode:**

The Q27V5N incorporates a Low Blue Light mode, which reduces the amount of blue light emitted by the screen. This feature can help alleviate eye discomfort during prolonged use and promote better sleep quality.

LASystems is not responsible for errors in the documentation of products. Pictures and descriptions of AOC Q27V5N/BK are for your convenience only and may not be accurate. We will ship you the item based on the product name and manufacturer number only. For more technical information please visit the manufacturer's website.

FAQ's

What is the screen size of the AOC Q27V5N monitor?

The AOC Q27V5N features a 27-inch screen size, providing a spacious viewing area.

What is the resolution of the monitor?

The monitor offers a QHD (Quad HD) resolution of 2560 x 1440 pixels, delivering sharp and detailed visuals.

Does the AOC Q27V5N support AMD FreeSync?

Yes, the monitor supports AMD FreeSync technology, which helps to reduce screen tearing and stuttering during gaming.

What type of panel does the monitor use?

The AOC Q27V5N utilizes an IPS (In-Plane Switching) panel, offering wide viewing angles and accurate color reproduction.

What is the response time of the monitor?

The monitor has a fast response time of typically 5 milliseconds (gray-to-gray), minimizing motion blur and ghosting.

Can I mount the AOC Q27V5N on a wall or monitor arm?

Yes, the monitor is VESA mount compatible, allowing you to mount it on a compatible wall mount or monitor arm.

What are the available connectivity options?

The AOC Q27V5N provides various connectivity options, including HDMI and DisplayPort inputs, for connecting to different devices.

Does the monitor have built-in speakers?

No, the AOC Q27V5N does not have built-in speakers. You will need external speakers or headphones for audio output.

Does the monitor have a USB hub?

No, the AOC Q27V5N does not have a built-in USB hub.

Does the monitor have adjustable height or tilt?

The AOC Q27V5N does not have height adjustment, but it does offer tilt adjustment to help you find a comfortable viewing angle.

Does the monitor have an anti-glare coating?

Yes, the monitor is equipped with an anti-glare coating to minimize reflections and glare on the screen.

Is the AOC Q27V5N energy-efficient?

Yes, the monitor is designed to be energy-efficient and complies with energy-saving standards such as ENERGY STAR certification.

Download This PDF Link: [AOC Q27V5N 27-Inch QHD FreeSync Monitor Specifications And Datasheet](#)