

AOC
GAMING



ONLY FOR THE
TRUE VALIANT

EXPLORED BY
Q27G40E

FAST IPS | QHD @ 2560 X 1440 | **180HZ** | G-SYNC COMPATIBLE | **1MS GTG** | 0.5 MPRT
HDR10 | **LOW INPUT LAG** | MBR SYNC | **GAMING MODE** | GAME COLOR
SNIPER SCOPE | SHADOW CONTROL | **FLICKER FREE** | LOW BLUE MODE | **G-MENU**

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AOC

► Features



Rule the competition with Fast IPS

Fast IPS annihilates the competition with a speed 4x faster than conventional IPS. Guaranteeing you true 1ms (GtG) response times and captivating visual quality, raise your gaming performance to the next level!



The e-sports professional standard for gaming

With a 180Hz refresh rate and 1ms response time (GtG), your display will be equipped to perform at the pro gaming standard. Enjoy an ultra-smooth experience with no visible screen blur to ensure you're always prepped to win.



Superior high quality viewing

Quad HD (2560 x 1440) resolution allows you to view more an incredible amount of detail, resulting in visuals that are crisp and vivid. Whether editing photos, videos, or watching movies, Quad HD gives you clarity and quality.



G-Sync Compatible

NVIDIA's trusted "G-Sync Compatible" certification recognizes displays that can deliver high quality variable refresh rate (VRR) in line with the VESA DisplayPort Adaptive-Sync standard and more. Enjoy tear-free, lag-free gaming at the highest level – now with more flexibility and customization potential than ever before due to the wider range of available monitor options.



High Dynamic Range (HDR) for more lifelike colorful visuals

High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on display, giving you a visual experience that engages your senses and inspires emotions.



Creates faster response times by decreasing delay between video source input and output

Unleash your reflexes by switching to AOC Low Input Lag mode. Forget graphical frills: this mode rewires the monitor in favor of raw response time, giving you the ultimate edge in a hair-trigger standoff.



Optimize your game settings

Enhances color and sharpness for different game styles. Six modes to select: FPS, Racing, RTS, Gamer1, Gamer2, Gamer3 and Off.



Protect your eyes from screen flicker

Flicker-free technology reduces flicker to give you a more comfortable gaming experience. Normal LED-backlit monitors adjust brightness using PWM (Pulse Width Modulation) which causes flickering and results in eye discomfort over long periods of time. AOC flicker-free technology uses a DC (Direct Current) backlight system to provide a more comfortable and healthier viewing experience, minimizing the effects of eye fatigue during work hours.



Reducing shortwave blue light output for healthier eyes

AOC Low Blue Mode setting ensures a more healthy viewing experience for prolonged computer use without compromising the naturally vivid colors of the display.



Adjustable color saturation for better gray levels and finer picture detail

AOC GameColor can be set between levels 0-20 in order to adjust color level for better picture details.



One place to control settings for your gaming experience with AOC G-MENU

With AOC G-MENU, you have one place to dial in your settings for your visual gaming experience on an intuitive GUI-based menu.

► Specifications

Model Name	Q27G40E
Panel	27" (Fast IPS)
Pixel Pitch (mm)	0.2331 (H) × 0.2331 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	300 cd/m ²
Contrast Ratio	1000 : 1 (Typical) / 80 Million : 1
Response Time	1ms (GtG) / 0.5ms MPRT
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	sRGB 127% (CIE1931) / DCI-P3 102% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	2560 × 1440 @ 180Hz – DisplayPort1.4 2560 × 1440 @ 144Hz – HDMI2.0
Display Colors	16.7 Million
Signal Input	HDMI 2.0 × 1, DisplayPort 1.4 × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	No
Power Supply	External 20VDC, 2.25A
Power Consumption (typical)	21W
Speakers	No
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Tilt: -5° ~ 23°
Product without Stand (mm)	366.3 (H) × 613.9 (W) × 51.1 (D)
Product with Stand (mm)	449.7 (H) × 613.9 (W) × 197.6 (D)
Packaging (mm)	454 (H) × 690 (W) × 126 (D)
Product without Stand (kg)	3.14
Product with Stand (kg)	3.53
Product with Packaging (kg)	5.82
Cabinet Color	Black
Regulatory Approvals	CE / CB / RoHS