

# TUF GAMING VG27AQL1A MONITOR



## KEY FEATURES

Overclock to  
**170Hz**  
Rapid Refresh Rate

High refresh rate for ultra fast and smooth gameplay

**WQHD**  
**2560x1440**

Enjoy greater image details and more onscreen desktop space than Full HD displays



Enables VRR and ELMB at the same time

**1ms**  
**MPRT**  
Trace Free

Fast paced gaming experience with ghosting free



VESA DisplayHDR 400 certified to reproduce lifelike images



Shadow Boost

To enhance the details in dark scenes



IPS panel for better color reproduction and wide viewing angle



Stereo Speakers

Stereo speakers to enjoy multimedia contents



G-Sync compatible ready. eliminates smearing and tearing, allowing you to smoothly react to your game



TUF Gaming VG27AQL1A has undergone stringent performance tests and is certified Flicker-free and Low Blue Light by TÜV Rheinland laboratories, a global provider of technical, safety, and certification services.



TUF GAMING

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|                          |  |  |
|--------------------------|--|--|
| Display                  | Panel Size (diagonal)  | 27"(68.5cm) Wide Screen (16:9)   |
|                          | Display Viewing Area   | 596.74 X335.66 mm  |
|                          | Panel Backlight/ Type  | WLED / IPS   |
|                          | Display Surface  | Non-glare  |
|                          | True Resolution  | 2560x1440  |
|                          | Pixel Pitch  | 0.2331mm   |
|                          | Brightness (Max.)  | 400 cd/m2 (HDR)  |
|                          | Contrast Ratio (Max.)  | 1,000:1  |
|                          | Viewing Angle (CR≥10)  | 178°(H) / 178°(V)  |
|                          | Color saturation   | 130% sRGB/DCI-P3 95%   |
|                          | Display Colors   | 1.07 billion   |
|                          | Response Time  | 1ms MPRT   |
|                          | Refresh rate   | 170Hz (overclocking)   |
|                          | Flicker Free   | Yes  |
|                          | HDR  | DisplayHDR 400   |
| Video Features           | ELMB Sync  | Yes  |
|                          | HDCP   | Yes  |
|                          | GameVisual   | Yes (FPS,RTS/RPG, Racing , sRGB, Cinema, Scenery, MOBA)  |
|                          | GamePlus   | Yes (Crosshair, Timer, FPS Counter, Display Alignment, Sniper)                                   |
|                          | Low Blue Light   | Yes  |
| Input / Output           |  | DisplayPort1.2x1, HDMI 2.0x2, 3.5 mini-jack, USB 3.0 x2  |
| Speaker                  |  | 2W x 2 stereo, RMS   |
| Signal Frequency         |  | HDMI: 48~144Hz(V)/30~223KHz(H)<br>DP (Overclocking):<br>48~170Hz(V)/249~249KHz(H)                |
| Power                    | Power Consumption  | <26W*  |
|                          | Voltage  | 100~240V, 50 / 60 Hz   |
| Mechanical Design        | Tilt   | -5° ~20°   |
|                          | Swivel   | +20° ~-20°   |
|                          | Pivot  | +90° ~-90°   |
|                          | Height Adjustment  | 130mm  |
| Dimension                | Phy. Dimension   | 615x (405~535) x215 mm (with stand)<br>615 x 367 x 51 mm (without stand)<br>712x455x234 mm (box) |
| Weight                   | 6.6kg (net), 9.0kg (gross), 4.3kg (Net Weight without Stand )  |  |
| Special Features         | Dynamic Shadow Boost, ELMB Sync, GameFast Input technology, G-Sync compatible ready (in process), 1ms MPRT, DisplayWidget Lite |  |
| Accessories              | Power cord, Power adapter(90W), Warranty card , QSG, HDMI cable(option), DP cable(option), USB cable                           |  |
| Compliance and Standards | TUV-Flicker Free, TUV-Low Blue Light, DisplayHDR 400   |  |

\*1ms MPRT spec is based on internal testes. Response time may vary depending on test conditions  
 \*\* measuring a screen brightness of 200 nits without audio/ USB/ Card reader connection