

# TUF GAMING Series 5

## VG27AQM5F



## KEY FEATURES

**320Hz**

Refresh rate

High refresh rate for ultra fast and smooth gameplay

**FAST IPS**

4X faster than conventional IPS panels for swifter response

**0.3ms**

Response Time

0.3ms response time (GTG,min.) for sharp gaming visuals with high frame rates

**Gaming A.I.**

Includes AI Visual, Dynamic crosshair enhance your gaming experience



DisplayWidget Center

Lets users easily change monitor settings via an intuitive interface



Shadow Boost

To enhance the details in dark scenes

**Game Plus**

Play Like a Pro

Offers in-game enhancements that help you get more out of your game

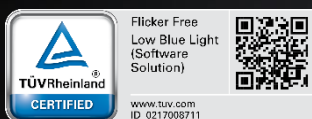
**Variable Overdrive**

Allows the display to dynamically alter its overdrive setting



ELMB SYNC

eliminating ghosting and tearing for sharp gaming visuals



TUF Gaming VG27AQM5F has undergone stringent performance tests and is certified Flicker-free and Low Blue Light (Hardware solution) by TÜV Rheinland laboratories, a global provider of technical, safety, and certification services.



# TUF GAMING VG27AQM5F MONITOR

|                               |                                                                                   |  |
|-------------------------------|-----------------------------------------------------------------------------------|--|
| Display                       | Panel Size (inch) : 27                                                            |  |
|                               | Aspect Ratio : 16:9                                                               |  |
| Video Feature                 | Display Viewing Area (H x V) : 595.97 x 335.23 mm                                 |  |
|                               | Display Surface : Anti-Glare                                                      |  |
|                               | Backlight Type : LED                                                              |  |
|                               | Panel Type : Fast IPS                                                             |  |
|                               | Viewing Angle (CR≥10, H/V) : 178°/ 178°                                           |  |
|                               | Pixel Pitch : 0.233 mm                                                            |  |
|                               | Resolution : 2560x1440                                                            |  |
|                               | Color Space (DCI-P3) : 95%                                                        |  |
|                               | Brightness (Typ.) : 300cd/m²                                                      |  |
|                               | Contrast Ratio (Typ.) : 1300:1                                                    |  |
|                               | Display Colors : 1073.7M (10 bit)*                                                |  |
|                               | Response Time : 1ms(GTG), 0.3ms(min.)*                                            |  |
| I/O Ports                     | Refresh Rate (Max) : 320Hz                                                        |  |
|                               | HDR (High Dynamic Range) Support : HDR10                                          |  |
|                               | Flicker-free : Yes                                                                |  |
|                               | Trace Free Technology : Yes                                                       |  |
|                               | GameVisual : Yes                                                                  |  |
|                               | Color Temp. Selection : Yes(4 modes)                                              |  |
|                               | GamePlus : Yes                                                                    |  |
|                               | HDCP : Yes, 2.2                                                                   |  |
|                               | ELMB Sync: Yes                                                                    |  |
|                               | VRR Technology : Yes (Adaptive-Sync)                                              |  |
|                               | GameFast Input technology : Yes                                                   |  |
|                               | Shadow Boost : Yes                                                                |  |
| Speaker                       | DisplayWidget : Yes, DisplayWidget Center                                         |  |
|                               | Low Blue Light : Yes                                                              |  |
| Digital Signal Frequency      | ASUS Power Sync : Yes                                                             |  |
|                               | A.I. Assistant Technology : AI Visual, Dynamic Crosshair, Dynamic Shadow Boost    |  |
| Power Consumption             | <b>Signal Input:</b>                                                              |  |
|                               | DisplayPort 1.4 x 1 (HBR3)                                                        |  |
| Mechanical Design             | HDMI(v2.1) x 2 (FRL)                                                              |  |
|                               | USB Hub : 1x USB 3.2 Gen 1 Type-C (Service Port)                                  |  |
| Security                      | <b>PC Audio output :</b>                                                          |  |
|                               | Yes (3.5 mm Mini-jack)                                                            |  |
| Dimension (W x H x D)         | Yes, 2Wx2                                                                         |  |
|                               | HDMI: 30~223KHz(H) / 48~320Hz(V)                                                  |  |
| Weight                        | DisplayPort: 223~223KHz(H) / 48~320Hz(V)                                          |  |
|                               | Power Consumption : <31W**                                                        |  |
| Accessories (Vary by regions) | Power Saving Mode : <0.5W                                                         |  |
|                               | Power Off Mode : <0.3W                                                            |  |
| Certificate                   | Voltage : 100-240V, 50/60Hz                                                       |  |
|                               | Tilt : Yes (+20° ~ -5°)                                                           |  |
|                               | Height Adjustment : No                                                            |  |
|                               | VESA Wall Mounting : 100x100mm                                                    |  |
|                               | Kensington lock                                                                   |  |
|                               | Phys. Dimension : 61.50 x 45.50 x 17.00 cm (24.21" x 17.91" x 6.69")              |  |
|                               | Phys. Dimension without Stand : 61.50 x 36.70 x 5.40 cm (24.21" x 14.45" x 2.13") |  |
|                               | Box Dimension : 67.50 x 43.70 x 13.50 cm (26.57" x 17.20" x 5.31")                |  |
|                               | Net Weight : 4.5 kg (9.92 lbs)                                                    |  |
|                               | Net Weight without Stand : 3.6 kg (7.94 lbs)                                      |  |
|                               | Gross Weight : 6.0 kg (13.23 lbs)                                                 |  |
|                               | DisplayPort cable                                                                 |  |
|                               | L-shaped Screwdriver                                                              |  |
|                               | Power cord                                                                        |  |
|                               | Quick start guide                                                                 |  |
|                               | Warranty Card                                                                     |  |
|                               | TÜV Flicker-free                                                                  |  |
|                               | TÜV Low Blue Light                                                                |  |
|                               | VESA AdaptiveSync Display 320Hz                                                   |  |
|                               | G-SYNC Compatible***                                                              |  |
|                               | AMD FreeSyncPremium                                                               |  |

\*0.3ms GTG (min.) 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  
\*\*\* G-SYNC compatible in processing, please check the respective official webpage for the updates compatible list