



# ASUS TUF Gaming VG27AQ3A computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90LM0940-B01970

**Product name :** VG27AQ3A

- 27-inch QHD(2560x1440) gaming monitor with 180Hz refresh rate designed for professional gamers and immersive gameplay
  - ASUS Extreme Low Motion Blur Sync (ELMB Sync) technology enables ELMB and variable-refresh-rate technologies to work simultaneously to eliminate ghosting and tearing for sharp gaming visuals with high frame rates
  - FreeSync Premium, G-Sync compatible and AdaptiveSync technology delivers a seamless, tear-free gaming experience by enabling VRR (variable refresh rate) by default
  - High Dynamic Range (HDR) technology supports HDR-10 format to enhance bright and dark areas
- TUF Gaming VG27AQ3A Gaming Monitor – 27-inch, QHD(2560x1440), 180Hz, Fast IPS, ELMB Sync, 1ms (GTG), FreeSync Premium™, G-Sync compatible, Variable Overdrive, 130% sRGB



| Display                             |                               | Ports & interfaces                        |              |
|-------------------------------------|-------------------------------|---|--------------|
| Display diagonal *                  | 68.6 cm (27")                 | DisplayPorts quantity                     | 1            |
| Display resolution *                | 2560 x 1440 pixels            | DisplayPort version                       | 1.4          |
| HD type *                           | Quad HD                       | Headphone out *                           | ✓            |
| Native aspect ratio *               | 16:9                          | Headphone outputs                         | 1            |
| Display technology *                | LCD                           | HDCP                                      | ✓            |
| Panel type *                        | IPS                           | HDCP version                              | 2.2          |
| Backlight type                      | LED                           | Ergonomics                                |              |
| Touchscreen *                       | ✗                             | VESA mounting *                           | ✓            |
| Display brightness (typical)        | 250 cd/m <sup>2</sup>         | Panel mounting interface                  | 100 x 100 mm |
| Response time *                     | 1 ms                          | Cable lock slot *                         | ✓            |
| Anti-glare screen                   | ✓                             | Cable lock slot type                      | Kensington   |
| Screen shape *                      | Flat                          | Height adjustment *                       | ✗            |
| Contrast ratio (typical) *          | 1000:1                        | Swivelling                                | ✓            |
| Maximum refresh rate *              | 180 Hz                        | Swivel angle range                        | -20 - 20°    |
| Viewing angle, horizontal           | 178°                          | Tilt adjustment                           | ✓            |
| Viewing angle, vertical             | 178°                          | Tilt angle range                          | -5 - 20°     |
| Display number of colours *         | 16.7 million colours          | Power                                     |              |
| Pixel pitch                         | 0.233 x 0.233 mm              | Energy efficiency class (SDR) *           | F            |
| Viewable size, horizontal           | 59.7 cm                       | Energy efficiency class (HDR) *           | G            |
| Viewable size, vertical             | 33.6 cm                       | Energy consumption (SDR) per 1000 hours * | 26 kWh       |
| Digital horizontal frequency        | 30 - 220 kHz                  | Energy consumption (HDR) per 1000 hours * | 44 kWh       |
| Digital vertical frequency          | 48 - 144 Hz                   | Power consumption (typical) *             | 35 W         |
| High Dynamic Range (HDR) supported  | ✓                             | Power consumption (off)                   | 0.3 W        |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) | Power consumption (PowerSave)             | 0.5 W        |
| Colour gamut standard               | sRGB                          | AC input voltage                          | 100 - 240 V  |
| Colour gamut                        | 130%                          | AC input frequency                        | 50/60 Hz     |
|                                     |                               | Energy efficiency scale                   | A to G       |

|                               |                   |   |         |
|-------------------------------|-------------------|---|---------|
| <b>Performance</b>            |                   | <b>Power</b>  |         |
| NVIDIA G-SYNC *               | ✓                 | European Product Registry for Energy Labelling (EPREL) code | 1552301 |
| NVIDIA G-SYNC type            | G-SYNC Compatible | <b>Weight &amp; dimensions</b>                              |         |
| AMD FreeSync *                | ✓                 | Width (with stand)  | 615 mm  |
| AMD FreeSync type             | FreeSync Premium  | Depth (with stand)  | 214 mm  |
| VESA Adaptive Sync support    | ✓                 | Height (with stand)   | 455 mm  |
| Flicker-free technology       | ✓                 | Weight (with stand)   | 4.6 kg  |
| Low Blue Light technology     | ✓                 | Width (without stand)                                       | 615 mm  |
| Game mode                     | ✓                 | Depth (without stand)                                       | 54 mm   |
| <b>Multimedia</b>             |                   | Height (without stand)                                      | 367 mm  |
| Number of speakers            | 2                 | Weight (without stand)                                      | 3.6 kg  |
| RMS rated power               | 4 W               | <b>Packaging data</b>                                       |         |
| Built-in speaker(s) *         | ✓                 | Package width   | 686 mm  |
| Built-in camera *             | ✗                 | Package depth   | 160 mm  |
| <b>Design</b>                 |                   | Package height  | 475 mm  |
| Market positioning *          | Gaming            | Package weight  | 7.2 kg  |
| Product colour *              | Black             | Package type  | Box     |
| Feet colour                   | Black             | <b>Other features</b>                                       |         |
| <b>Ports &amp; interfaces</b> |                   | Motion blur reduction                                       | ✓       |
| Built-in USB hub *            | ✗                 |   |         |
| HDMI *                        | ✓                 |   |         |
| HDMI ports quantity           | 2                 |   |         |
| HDMI version                  | 2.0               |   |         |



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