

## ASUS TUF Gaming VG27AQM5A computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LED Black

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90LM0BG0-B01971

**Product name :** VG27AQM5A

- 27-inch QHD (2560x1440) gaming monitor with 300Hz refresh rate designed for professional gamers and immersive gameplay
- ASUS Fast IPS technology enables a 0.3ms (GTG) response time(min.) for sharp gaming visuals with high frame rates
- 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
- DisplayWidget Center enables easy monitor settings adjustments with a mouse
- Shadow Boost enhances image details in dark areas, brightening scenes without over-exposing bright areas

TUF Gaming VG27AQM5A



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TUF Gaming Series 5 - VG27AQM5A Gaming Monitor – 27-inch, QHD(2560x1440), 300Hz, Fast IPS, ELMB Sync, 0.3ms (GTG), Stereo speaker, 95% DCI-P3, DisplayWidget Center

| Display                             |                               | Ports & interfaces                        |              |
|-------------------------------------|-------------------------------|-------------------------------------------|--------------|
| Display diagonal *                  | 68.6 cm (27")                 | HDMI ports quantity                       | 2            |
| Display resolution *                | 2560 x 1440 pixels            | HDMI version                              | 2.1          |
| HD type *                           | Quad HD                       | DisplayPorts quantity                     | 1            |
| Native aspect ratio *               | 16:9                          | DisplayPort version                       | 1.4          |
| Display technology *                | LED                           | Headphone out *                           | ✓            |
| Panel type *                        | Fast IPS                      | Headphone outputs                         | 1            |
| LED backlight                       | ✓                             | Headphone connectivity                    | 3.5 mm       |
| Touchscreen *                       | ✗                             | HDCP                                      | ✓            |
| Display brightness (typical)        | 300 cd/m <sup>2</sup>         | HDCP version                              | 2.2          |
| Response time *                     | 1 ms                          | Ergonomics                                |              |
| Response time measurement type      | GTG (Gray to Gray)            | VESA mounting *                           | ✓            |
| Anti-glare screen                   | ✓                             | Panel mounting interface                  | 100 x 100 mm |
| Screen shape *                      | Flat                          | Wall mountable                            | ✓            |
| Contrast ratio (typical) *          | 1300:1                        | Cable lock slot *                         | ✓            |
| Maximum refresh rate *              | 300 Hz                        | Cable lock slot type                      | Kensington   |
| Viewing angle, horizontal           | 178°                          | Height adjustment *                       | ✗            |
| Viewing angle, vertical             | 178°                          | Swivelling                                | ✓            |
| Display number of colours *         | 16.7 million colours          | Swivel angle range                        | -20 - 20°    |
| Pixel pitch                         | 0.233 x 0.233 mm              | Tilt adjustment                           | ✓            |
| Viewable size, horizontal           | 59.7 cm                       | Tilt angle range                          | -5 - 20°     |
| Viewable size, vertical             | 33.6 cm                       | Power                                     |              |
| Digital horizontal frequency        | 30 - 223 kHz                  | Energy efficiency class (SDR) *           | F            |
| Digital vertical frequency          | 48 - 300 Hz                   | Energy efficiency class (HDR) *           | G            |
| High Dynamic Range (HDR) supported  | ✓                             | Energy consumption (SDR) per 1000 hours * | 26 kWh       |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) | Energy consumption (HDR) per 1000 hours * | 45 kWh       |
| Colour gamut standard               | DCI-P3                        | Power consumption (typical) *             | 33 W         |
| Colour gamut                        | 95%                           | Power consumption (standby) *             | 0.5 W        |
| DCI-P3 coverage                     | 95%                           | Power consumption (off)                   | 0.3 W        |
| Performance                         |                               |                                           |              |
| NVIDIA G-SYNC *                     | ✓                             |                                           |              |

| Performance                                  |                       | Power                         |             |
|----------------------------------------------|-----------------------|-------------------------------|-------------|
| NVIDIA G-SYNC type                           | G-SYNC Compatible     | Power consumption (PowerSave) | 0.5 W       |
| AMD FreeSync *                               | ✓                     | AC input voltage              | 100 - 240 V |
| AMD FreeSync type                            | FreeSync Premium      | AC input frequency            | 50/60 Hz    |
| Flicker-free technology                      | ✓                     | Power supply type             | Internal    |
| Low Blue Light technology                    | ✓                     | Energy efficiency scale       | A to G      |
| Game mode                                    | ✓                     | Weight & dimensions           |             |
| Multimedia                                   |                       | Width (with stand)            | 615 mm      |
| Number of speakers                           | 2                     | Depth (with stand)            | 214 mm      |
| RMS rated power                              | 4 W                   | Height (with stand)           | 455 mm      |
| Built-in speaker(s) *                        | ✓                     | Weight (with stand)           | 4.6 kg      |
| Built-in camera *                            | ✗                     | Width (without stand)         | 615 mm      |
| Design                                       |                       | Depth (without stand)         | 54 mm       |
| Market positioning *                         | Gaming                | Height (without stand)        | 367 mm      |
| Product colour *                             | Black                 | Weight (without stand)        | 3.6 kg      |
| Detachable stand                             | ✓                     | Packaging data                |             |
| Feet colour                                  | Black                 | Package width                 | 686 mm      |
| Ports & interfaces                           |                       | Package depth                 | 160 mm      |
| Built-in USB hub *                           | ✓                     | Package height                | 475 mm      |
| USB hub version                              | 3.2 Gen 1 (3.1 Gen 1) | Package weight                | 6.4 kg      |
| Number of USB Type-C upstream ports quantity | 1                     | Package type                  | Box         |
| HDMI *                                       | ✓                     | Packaging content             |             |
|                                              |                       | Stand included                | ✓           |



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### Catalog Object Cloud



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