

## ASUS TUF Gaming VG249Q1R computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD Black

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90LM05V1-B01E70

**Product name :** VG249Q1R

- 23.8-inch Full HD (1920 x 1080) gaming monitor with ultrafast 165Hz(OC) refresh rate designed for professional gamers and immersive gameplay
  - ASUS Extreme Low Motion Blur (ELMB) technology enables a 1ms response time (MPRT) together with Adaptive-sync, eliminating ghosting and tearing for sharp gaming visuals with high frame rates
  - FreeSync technology supported through DP and HDMI ports providing variable refresh rates for low latency, stuttering-free and tearing-free while gaming
  - Shadow Boost enhances image details in dark areas, brightening scenes without over-exposing bright areas
  - Exclusive GamePlus function delicately designed for every gaming needs
- 23.8", 1920x1080, IPS, 16:9, RMS 2x 2W, HDMI, DP, 3.5mm, 100-240V, 50 / 60Hz, 539.5x406.5x213 mm



| Display                        |                                                                                                                                                                                                                                                                                               | Ports & interfaces                        |               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------|
| Display diagonal *             | 60.5 cm (23.8")                                                                                                                                                                                                                                                                               | Audio input                               | ✗             |
| Display resolution *           | 1920 x 1080 pixels                                                                                                                                                                                                                                                                            | Headphone out *                           | ✓             |
| HD type *                      | Full HD                                                                                                                                                                                                                                                                                       | Headphone outputs                         | 1             |
| Native aspect ratio *          | 16:9                                                                                                                                                                                                                                                                                          | Headphone connectivity                    | 3.5 mm        |
| Panel type *                   | IPS                                                                                                                                                                                                                                                                                           | HDCP                                      | ✓             |
| Touchscreen *                  | ✗                                                                                                                                                                                                                                                                                             | <b>Ergonomics</b>                         |               |
| Display brightness (typical)   | 250 cd/m²                                                                                                                                                                                                                                                                                     | VESA mounting *                           | ✓             |
| Response time *                | 1 ms                                                                                                                                                                                                                                                                                          | Panel mounting interface                  | 75 x 75 mm    |
| Screen shape *                 | Flat                                                                                                                                                                                                                                                                                          | Cable lock slot *                         | ✓             |
| Supported graphics resolutions | 640 x 350, 640 x 480 (VGA), 720 x 400, 720 x 480, 720 x 576, 800 x 600 (SVGA), 832 x 624, 848 x 480, 1024 x 768 (XGA), 1152 x 864 (XGA+), 1280 x 1024 (SXGA), 1280 x 720 (HD 720), 1280 x 800 (WXGA), 1280 x 960, 1366 x 768, 1440 x 900 (WXGA+), 1680 x 1050 (WSXGA+), 1920 x 1080 (HD 1080) | Cable lock slot type                      | Kensington    |
|                                |                                                                                                                                                                                                                                                                                               | Height adjustment *                       | ✗             |
| Supported video modes          | 480p, 576p, 720p, 1080p                                                                                                                                                                                                                                                                       | Tilt adjustment                           | ✓             |
| Contrast ratio (typical) *     | 1000:1                                                                                                                                                                                                                                                                                        | Tilt angle range                          | -5 - 22°      |
| Maximum refresh rate *         | 165 Hz                                                                                                                                                                                                                                                                                        | <b>Power</b>                              |               |
| Viewing angle, horizontal      | 178°                                                                                                                                                                                                                                                                                          | Energy efficiency class (SDR) *           | G             |
| Viewing angle, vertical        | 178°                                                                                                                                                                                                                                                                                          | Energy efficiency class (HDR) *           | Not available |
| Display number of colours *    | 16.78 million colours                                                                                                                                                                                                                                                                         | Energy consumption (SDR) per 1000 hours * | 24 kWh        |
| Pixel pitch                    | 0.2745 x 0.2745 mm                                                                                                                                                                                                                                                                            | Power consumption (typical) *             | 23.8 W        |
| Viewable size, horizontal      | 52.7 cm                                                                                                                                                                                                                                                                                       | Power consumption (standby) *             | 0.3 W         |
| Viewable size, vertical        | 29.6 cm                                                                                                                                                                                                                                                                                       | Power consumption (off)                   | 0.2 W         |
| Viewable size diagonal         | 60.5 cm                                                                                                                                                                                                                                                                                       | AC input voltage                          | 100 - 240 V   |
| Digital horizontal frequency   | 30 - 160 kHz                                                                                                                                                                                                                                                                                  | AC input frequency                        | 50 - 60 Hz    |
| Digital vertical frequency     | 48 - 165 Hz                                                                                                                                                                                                                                                                                   | Energy efficiency scale                   | A to G        |
| NTSC coverage (typical)        | 72%                                                                                                                                                                                                                                                                                           | <b>Operational conditions</b>             |               |
| <b>Performance</b>             |                                                                                                                                                                                                                                                                                               | Operating temperature (T-T)               | 0 - 40 °C     |
| NVIDIA G-SYNC *                | ✗                                                                                                                                                                                                                                                                                             | <b>Weight &amp; dimensions</b>            |               |
|                                |                                                                                                                                                                                                                                                                                               | Width (with stand)                        | 539.5 mm      |
|                                |                                                                                                                                                                                                                                                                                               | Depth (with stand)                        | 213 mm        |

| Performance               |                  | Weight & dimensions         |          |
|---------------------------|------------------|-----------------------------|----------|
| AMD FreeSync *            | ✓                | Height (with stand)         | 406.5 mm |
| AMD FreeSync type         | FreeSync Premium | Weight (with stand)         | 3 kg     |
| Flicker-free technology   | ✓                | Width (without stand)       | 539.5 mm |
| Low Blue Light technology | ✓                | Depth (without stand)       | 36.5 mm  |
| Multimedia                |                  | Height (without stand)      | 319.5 mm |
| Number of speakers        | 2                | Weight (without stand)      | 2.5 kg   |
| RMS rated power           | 4 W              | Packaging data              |          |
| Built-in speaker(s) *     | ✓                | Package width               | 595 mm   |
| Built-in camera *         | ✗                | Package depth               | 475 mm   |
| Design                    |                  | Package height              | 158 mm   |
| Market positioning *      | Gaming           | Package weight              | 5 kg     |
| Product colour *          | Black            | Packaging content           |          |
| Feet colour               | Black            | Stand included              | ✓        |
| Ports & interfaces        |                  | Cables included             | AC       |
| Built-in USB hub *        | ✗                | Logistics data              |          |
| DVI port                  | ✗                | Harmonized System (HS) code | 85285210 |
| HDMI *                    | ✓                |                             |          |
| HDMI ports quantity       | 2                |                             |          |
| HDMI version              | 1.4              |                             |          |
| DisplayPorts quantity     | 1                |                             |          |
| DisplayPort version       | 1.2              |                             |          |



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### Catalog Object Cloud



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