

## ASUS TUF Gaming VG248Q1B computer monitor 61 cm (24") 1920 x 1080 pixels Full HD LED Black

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90LM0870-B01170

**Product name :** VG248Q1B

- 24-inch FHD (1920x1080) gaming monitor with overclock to 165Hz refresh rate designed for professional gamers and immersive gameplay  
 - 0.5ms (GTG) response time for smooth gameplay, and ASUS Extreme Low Motion Blur (ELMB™) technology to further reduce ghosting and motion blur  
 - FreeSync Premium technology delivers a seamless, tear-free gaming experience by enabling VRR (variable refresh rate) by default  
 - Supports both Adaptive-Sync with NVIDIA GeForce\* graphics cards and FreeSync™ Premium with AMD graphics cards. \*Compatible with NVIDIA GeForce GTX 10 series, GTX 16 series, RTX 20 series and newer graphics cards  
 TUF Gaming VG248Q1B Gaming Monitor – 24 inch FHD (1920x1080) , overclocking 165 Hz (Above 144Hz), Extreme Low Motion Blur, 0.5ms (GTG), FreeSync Premium



| Display                               |                                  | Ports & interfaces                        |              |
|---------------------------------------|----------------------------------|-------------------------------------------|--------------|
| Display diagonal *                    | 61 cm (24")                      | HDMI version                              | 1.4          |
| Display resolution *                  | 1920 x 1080 pixels               | DisplayPorts quantity                     | 1            |
| HD type *                             | Full HD                          | DisplayPort version                       | 1.2          |
| Native aspect ratio *                 | 16:9                             | Headphone out *                           | ✓            |
| Display technology *                  | LED                              | Headphone outputs                         | 1            |
| Panel type *                          | TN                               | HDCP                                      | ✓            |
| Backlight type                        | LED                              | HDCP version                              | 1.4          |
| Touchscreen *                         | ✗                                | <b>Ergonomics</b>                         |              |
| Display brightness (typical)          | 350 cd/m²                        | VESA mounting *                           | ✓            |
| Response time *                       | 0.5 ms                           | Panel mounting interface                  | 100 x 100 mm |
| Response time measurement type        | GTG (Gray to Gray)               | Cable lock slot *                         | ✓            |
| Anti-glare screen                     | ✓                                | Cable lock slot type                      | Kensington   |
| Screen shape *                        | Flat                             | Height adjustment *                       | ✗            |
| Contrast ratio (typical) *            | 1000:1                           | Tilt adjustment                           | ✓            |
| Contrast ratio (dynamic)              | 100000000:1                      | Tilt angle range                          | -5 - 15°     |
| Dynamic contrast ratio marketing name | ASUS Smart Contrast Ratio (ASCR) | <b>Power</b>                              |              |
| Maximum refresh rate *                | 165 Hz                           | Energy efficiency class (SDR) *           | E            |
| Viewing angle, horizontal             | 170°                             | Energy consumption (SDR) per 1000 hours * | 18 kWh       |
| Viewing angle, vertical               | 160°                             | Power consumption (typical) *             | 16 W         |
| Display number of colours *           | 16.7 million colours             | Power consumption (off)                   | 0.3 W        |
| Response time (fast)                  | 0.5 ms                           | Power consumption (PowerSave)             | 0.5 W        |
| Pixel pitch                           | 0.2768 x 0.2768 mm               | Energy efficiency scale                   | A to G       |
| Horizontal scan range                 | 30 - 180 kHz                     | <b>Weight &amp; dimensions</b>            |              |
| Vertical scan range                   | 48 - 144 Hz                      | Width (with stand)                        | 571.2 mm     |
| Viewable size, horizontal             | 29.9 cm                          | Depth (with stand)                        | 174 mm       |
| Viewable size, vertical               | 53.1 cm                          | Height (with stand)                       | 407.1 mm     |
| Digital horizontal frequency          | 200 - 200 kHz                    | Weight (with stand)                       | 3.8 kg       |
| Digital vertical frequency            | 48 - 165 Hz                      |                                           |              |

| Performance               |                  | Weight & dimensions    |                                                             |
|---------------------------|------------------|------------------------|-------------------------------------------------------------|
| AMD FreeSync *            | ✓                | Width (without stand)  | 571.2 mm                                                    |
| AMD FreeSync type         | FreeSync Premium | Depth (without stand)  | 51.7 mm                                                     |
| Flicker-free technology   | ✓                | Height (without stand) | 341.5 mm                                                    |
| Low Blue Light technology | ✓                | Weight (without stand) | 3.32 kg                                                     |
| Game mode                 | ✓                | Packaging data         |                                                             |
| Design                    |                  | Package width          | 637 mm                                                      |
| Market positioning *      | Gaming           | Package depth          | 412 mm                                                      |
| Product colour *          | Black            | Package height         | 164 mm                                                      |
| Ports & interfaces        |                  | Package weight         | 5.4 kg                                                      |
| HDMI *                    | ✓                | Package type           | Box                                                         |
| HDMI ports quantity       | 2                | Other features         |                                                             |
|                           |                  | Certification          | TÜV Flicker-free TÜV Low Blue Light<br>AMD FreeSync Premium |



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### Catalog Object Cloud



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