

ASUS TUF Gaming VG32VQR computer monitor 80 cm (31.5") 2560 x 1440 pixels Quad HD LED Black

Brand : ASUS

Product family: TUF Gaming

Product code: 90LM0410-B03170

Product name : VG32VQR

- 31.5-inch WQHD (2560x1440) 1800R curved gaming monitor with ultrafast 165Hz 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 Premium technology to eliminate screen tearing and choppy frame rates
- High Dynamic Range (HDR) technology with professional color gamut delivers contrast and color performance that meets the DisplayHDR 400 certification
- Supports both Adaptive-Sync with NVIDIA GeForce* graphics cards and FreeSync with AMD Radeon graphics cards *Compatible with NVIDIA GeForce GTX 10 series, GTX 16 series, RTX 20 series and newer graphics cards
- Full HD(1920 X 1080)@120Hz & 1440P (2560 x 1440)@60Hz output on PS5; Full HD & 1440P(2560 x 1440)@120Hz VRR output on Xbox Series X/S
- 31.5" 2560 x 1440 VA LED, 3000:1, 16.7M, 1ms, 165 Hz, HDR10, VESA



| Display | | Ports & interfaces | |
|-------------------------------------|-------------------------------|---|--------------|
| Display diagonal * | 80 cm (31.5") | Headphone outputs | 1 |
| Display resolution * | 2560 x 1440 pixels | Headphone connectivity | 3.5 mm |
| HD type * | Quad HD | HDCP | ✓ |
| Native aspect ratio * | 16:9 | Ergonomics | |
| Display technology * | LED | VESA mounting * | ✓ |
| Panel type * | VA | Panel mounting interface | 100 x 100 mm |
| Touchscreen * | ✗ | Cable lock slot * | ✓ |
| Display brightness (typical) | 400 cd/m ² | Cable lock slot type | Kensington |
| Response time * | 1 ms | Height adjustment * | ✓ |
| Screen shape * | Flat | Height adjustment | 14 cm |
| Screen curvature rating | 1800R | Swivelling | ✓ |
| Contrast ratio (typical) * | 3000:1 | Swivel angle range | 60° - -60° |
| Contrast ratio (dynamic) | 10000000:1 | Tilt adjustment | ✓ |
| Maximum refresh rate * | 165 Hz | Tilt angle range | 20° - -3° |
| Viewing angle, horizontal | 178° | Power | |
| Viewing angle, vertical | 178° | Energy efficiency class (SDR) * | G |
| Display number of colours * | 16.7 million colours | Energy efficiency class (HDR) * | G |
| Pixel pitch | 0.272 x 0.272 mm | Energy consumption (SDR) per 1000 hours * | 41 kWh |
| Viewable size, horizontal | 69.7 cm | Energy consumption (HDR) per 1000 hours * | 73 kWh |
| Viewable size, vertical | 39.2 cm | Power consumption (typical) * | 90 W |
| Digital horizontal frequency | 30 - 222 kHz | Power consumption (off) | 0.5 W |
| Digital vertical frequency | 48 - 165 Hz | AC input voltage | 100 - 240 V |
| High Dynamic Range (HDR) supported | ✓ | AC input frequency | 50 - 60 Hz |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) | Energy efficiency scale | A to G |
| Performance | | European Product Registry for Energy Labelling (EPREL) code | 493693 |
| NVIDIA G-SYNC * | ✗ | Weight & dimensions | |
| AMD FreeSync * | ✓ | Width (with stand) | 713.4 mm |
| AMD FreeSync type | FreeSync Premium | Depth (with stand) | 233.4 mm |
| Flicker-free technology | ✓ | | |

| Multimedia | | Weight & dimensions | |
|-----------------------|--------|-----------------------------|--|
| Number of speakers | 2 | Height (with stand) | 580.8 mm |
| RMS rated power | 4 W | Weight (with stand) | 9.13 kg |
| Built-in speaker(s) * | ✓ | Width (without stand) | 713 mm |
| Built-in camera * | ✗ | Depth (without stand) | 96.3 mm |
| Design | | Height (without stand) | 425.7 mm |
| Market positioning * | Gaming | Weight (without stand) | 5.83 kg |
| Product colour * | Black | Packaging data | |
| Feet colour | Black | Package width | 815 mm |
| Ports & interfaces | | Package depth | 253 mm |
| Built-in USB hub * | ✗ | Package height | 679 mm |
| HDMI * | ✓ | Package weight | 13.4 kg |
| HDMI ports quantity | 2 | Other features | |
| HDMI version | 2.0 | Certification | TÜV Flicker-free TÜV Low Blue Light VESA DisplayHDR 400 AMD FreeSync Premium |
| DisplayPorts quantity | 1 | Logistics data | |
| DisplayPort version | 1.2 | Harmonized System (HS) code | 85285210 |
| Headphone out * | ✓ | | |



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