

## ASUS TUF Gaming VG27AQM1A computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90LM05Z0-B08370

**Product name :** VG27AQM1A

- 27-inch QHD(2560x1440) gaming monitor with overclock to 260Hz 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 and G-Sync compatible delivers a seamless, tear-free gaming experience by enabling VRR (variable refresh rate) by default
  - High Dynamic Range (HDR) technology with DisplayHDR™ 400 compliance supports HDR-10 format to enhance bright and dark areas
- TUF Gaming VG27AQM1A 27-inch gaming monitor (QHD(2560x1440), 260Hz(OC), ELMB Sync, 1ms (GTG), FreeSync Premium, G-Sync compatible, Variable Overdrive, 90%DCI-P3, DisplayHDR 400)



Display		Ports & interfaces	
Display diagonal *	68.6 cm (27")	DisplayPort version	1.4
Display resolution *	2560 x 1440 pixels	Headphone out *	✓
HD type *	Quad HD	PC Audio in	✓
Native aspect ratio *	16:9	HDCP	✓
Display technology *	LCD	AC (power) in	✓
Panel type *	IPS	<b>Ergonomics</b>	
Backlight type	LED	VESA mounting *	✓
Touchscreen *	✗	Panel mounting interface	100 x 100 mm
Display brightness (typical)	400 cd/m²	Wall mountable	✓
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	Tilt adjustment	✓
Contrast ratio (dynamic)	100000000:1	Tilt angle range	-5 - 20°
Maximum refresh rate *	260 Hz	<b>Power</b>	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	E
Viewing angle, vertical	178°	Energy efficiency class (HDR) *	G
Display number of colours *	1.073 billion colours	Energy consumption (SDR) per 1000 hours *	22 kWh
Pixel pitch	0.233 x 0.233 mm	Energy consumption (HDR) per 1000 hours *	40 kWh
Viewable size, horizontal	59.7 cm	Power consumption (typical) *	26 W
Viewable size, vertical	33.6 cm	Power consumption (standby) *	0.5 W
Digital horizontal frequency	415 - 415 kHz	Power consumption (off)	0.3 W
Digital vertical frequency	48 - 260 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
<b>Performance</b>		European Product Registry for Energy Labelling (EPREL) code	1734730
NVIDIA G-SYNC *	✓	<b>Weight &amp; dimensions</b>	
NVIDIA G-SYNC type	G-SYNC Compatible	Width (with stand)	615 mm
AMD FreeSync *	✓	Depth (with stand)	21.4 mm
AMD FreeSync type	FreeSync Premium	Height (with stand)	455 mm
Flicker-free technology	✓	Weight (with stand)	5 kg
Low Blue Light technology	✓		
Game mode	✓		

Multimedia		Weight & dimensions	
Number of speakers	2	Width (without stand)	615 mm
RMS rated power	4 W	Depth (without stand)	51 mm
Built-in speaker(s) *	✓	Height (without stand)	367 mm
Built-in camera *	✗	Weight (without stand)	4.2 kg
Design		Packaging data	
Market positioning *	Gaming	Package width	689 mm
Product colour *	Black	Package depth	475 mm
Detachable stand	✓	Package height	160 mm
Feet colour	Black	Package weight	6.9 kg
Ports & interfaces		Package type	Box
Built-in USB hub *	✓	Packaging content	
USB hub version	2.0	Stand included	✓
USB Type-A downstream ports quantity	1	Cables included	AC
HDMI *	✓	Other features	
HDMI ports quantity	2	Shadow control	✓
HDMI version	2.0	Certification	VESA AdaptiveSync Display 240Hz VESA DisplayHDR 400 AMD FreeSync Premium G-SYNC Compatible
DisplayPorts quantity	1		



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Publication date: 14-FEB-2025. Prints or copies of Information are only valid on the printed Publication date