

## ASUS TUF Gaming VG27AQ1A computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LED Black

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90LM05Z0-B04370

**Product name :** VG27AQ1A

- 27 inch WQHD (2560 x 1440) IPS gaming monitor with ultrafast 170\*Hz refresh rate designed for professional gamers and immersive gameplay
  - ASUS Extreme Low Motion Blur (ELMB) technology eliminating ghosting and tearing for sharp gaming visuals with high frame rates
  - G-SYNC Compatible ready\* (processing), delivering 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 with AMD Radeon graphics cards \*Compatible with NVIDIA GeForce GTX 10 series, GTX 16 series, RTX 20 series and newer graphics cards
  - Shadow Boost enhances image details in dark areas, brightening scenes without over-exposing bright areas
- 27", WQHD, 2560 x 1440, IPS, 170Hz, 1ms MPRT, Extreme Low Motion Blur, G-SYNC Compatible ready, HDR 10



Display		Ports & interfaces	
Display diagonal *	68.6 cm (27")	HDMI version	2.0
Display resolution *	2560 x 1440 pixels	DisplayPorts quantity	1
HD type *	Quad HD	DisplayPort version	1.2
Native aspect ratio *	16:9	Headphone out *	✓
Display technology *	LED	Headphone outputs	1
Panel type *	IPS	Headphone connectivity	3.5 mm
Touchscreen *	✗	HDCP	✓
Display brightness (typical)	250 cd/m <sup>2</sup>	<b>Ergonomics</b>	
Response time *	1 ms	VESA mounting *	✓
Display surface	Matt	Panel mounting interface	100 x 100 mm
Screen shape *	Flat	Cable lock slot *	✓
Supported graphics resolutions	2560 x 1440	Cable lock slot type	Kensington
Aspect ratio	16:9	Height adjustment *	✗
Contrast ratio (typical) *	1000:1	Swivelling	✓
Maximum refresh rate *	170 Hz	Swivel angle range	-20 - 20°
Viewing angle, horizontal	178°	Tilt adjustment	✓
Viewing angle, vertical	178°	Tilt angle range	-5 - 20°
Display number of colours *	1.07 billion colours	<b>Power</b>	
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (SDR) *	G
Viewable size, horizontal	59.7 cm	Energy efficiency class (HDR) *	Not available
Viewable size, vertical	33.6 cm	Energy consumption (SDR) per 1000 hours *	32 kWh
Digital horizontal frequency	30 - 223 kHz	Power consumption (typical) *	32.1 W
Digital vertical frequency	48 - 170 Hz	Power consumption (standby) *	0.5 W
High Dynamic Range (HDR) supported	✓	Power consumption (off)	0.3 W
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	388124
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)	214 mm
AMD FreeSync type	FreeSync	Height (with stand)	455 mm
VESA Adaptive Sync support	✓	Weight (with stand)	5.4 kg
Flicker-free technology	✓	Width (without stand)	615 mm
Low Blue Light technology	✓		

<b>Multimedia</b>		<b>Weight &amp; dimensions</b>	
Number of speakers	2	Depth (without stand)	51 mm
RMS rated power	2 W	Height (without stand)	367 mm
Built-in speaker(s) *	✓	Weight (without stand)	4.3 kg
Built-in camera *	✗	<b>Packaging data</b>	
<b>Design</b>		Package width	689 mm
Market positioning *	Gaming	Package depth	510 mm
Product colour *	Black	Package height	194 mm
Frameless design	✓	Package weight	7.6 kg
Front bezel colour	Black	Package type	Box
Feet colour	Black	<b>Packaging content</b>	
<b>Ports &amp; interfaces</b>		Stand included	✓
Built-in USB hub *	✗	Cables included	AC
DVI port	✗	<b>Other features</b>	
HDMI *	✓	Certification	TUV Flicker-free , TUV Low Blue Light
HDMI ports quantity	2	<b>Logistics data</b>	
		Harmonized System (HS) code	85285210

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