ASUS

ASUS TUF Gaming VG27AQML5A computer monitor 68.6 cm (27") 2560 x 1440 pixels Wide Quad HD Black

Brand : ASUS   **Product family:** TUF Gaming   **Product code:** 90LM0BG0-B02971

Product name : VG27AQML5A

27" Fast IPS QHD 2560x1440, LED, 300Hz, DisplayPort, HDMI, 5.8 kg, 33W, 100-240V, 50/60Hz

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TUF Gaming Series 5 - VG27AQML5A Gaming Monitor – 27-inch QHD Fast-IPS panel, 300Hz, 0.3ms , G-SYNC® compatible AMD FreeSync™ Premium, ELMB SYNC, VESA DisplayHDR™ 400, 95% DCI-P3, DisplayWidget Center, Gaming AI

TUF Gaming VG27AQML5A
TUF Gaming VG27AQML5A QHD is a 27-inch monitor that delivers five advanced upgrades for top-tier gaming. It features a lightning-fast 300Hz refresh rate and 0.3ms response time, along with AMD FreeSync™ Premium and NVIDIA® G-SYNC® compatibility for ultra-smooth gameplay. With enhanced color performance, updated Gaming AI, and effortless control via DisplayWidget Center, this monitor keeps you ahead of the competition.

Display

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	Wide Quad HD
Native aspect ratio *	16:9
Panel type *	Fast IPS
LED backlight	✔
Touchscreen *	✗
Display brightness (peak)	400 cd/m²
Display brightness (typical)	300 cd/m²
Response time *	1 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	1300:1
Maximum refresh rate *	300 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.073 billion colours
Pixel pitch	0.233 x 0.233 mm
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 223 kHz
Digital vertical frequency	48 - 300 Hz
Display diagonal (metric)	68 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400, High Dynamic Range 10 (HDR10)
Colour gamut standard	DCI-P3

Ports & interfaces

HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔
Headphone outputs	1
Headphone connectivity	3.5 mm
HDCP	✔
HDCP version	2.2

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Wall mountable	✔
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	13 cm
Pivot	✔
Pivot angle	90 - -90°
Swivelling	✔
Swivel angle range	20 - -20°
Tilt adjustment	✔
Tilt angle range	20 - -5°

Power

Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	23 kWh

Display

DCI-P3 coverage	95%

Performance

NVIDIA G-SYNC *	✔
NVIDIA G-SYNC type	G-SYNC Compatible
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium
VESA Adaptive Sync support	✔
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

Number of speakers	2
RMS rated power	4 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Gaming
Product colour *	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces

USB Type-C downstream ports quantity	1
HDMI *	✔
HDMI ports quantity	2

Power

Energy consumption (HDR) per 1000 hours *	42 kWh
Power consumption (typical) *	33 W
Power consumption (off)	0.3 W
Power consumption (PowerSave)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G

Weight & dimensions

Width (with stand)	615 mm
Depth (with stand)	215 mm
Height (with stand)	534 mm
Weight (with stand)	5.8 kg
Width (without stand)	615 mm
Depth (without stand)	54 mm
Height (without stand)	367 mm
Weight (without stand)	3.6 kg

Packaging data

Package width	818 mm
Package depth	158 mm
Package height	475 mm
Package weight	8 kg
Package type	Box

Packaging content

Stand included	✔

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Catalog Object Cloud