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ASUS TUF Gaming VG27UQ1A computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black

Brand : ASUS   **Product family:** TUF Gaming   **Product code:** 90LM0AR0-B01371

Product name : VG27UQ1A

TUF Gaming VG27UQ1A Gaming Monitor – 27 inch 4K, HDR, 160Hz, ELMB Sync, 1ms response time, 95% DCI-P3, DisplayWidget Center, AMD FreeSync Premium, NVIDIA G-SYNC Compatible

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The 27-inch TUF Gaming VG27UQ1A 4K UHD gaming monitor featuring a Fast IPS panel and NVIDIA® G-SYNC® Compatible for blistering-fast 160 Hz gaming. Its clever combination of Display Stream Compression (DSC), ASUS Extreme Low Motion Blur Sync (ELMB Sync) and AMD FreeSync™ Premium technologies enables buttery-smooth gaming on PCs. Console gamers can get their fix, too, as Supports up to 4K 120 Hz visuals via HDMI® 2.1 without chroma subsampling. In addition, it has a 95% DCI-P3 gamut to offer exceptional colors and contrast.

Display

Display diagonal *	68.6 cm (27")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	Fast IPS
LED backlight	✔
Touchscreen *	✗
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) *	1000:1
Maximum refresh rate *	160 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.155 x 0.155 mm
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 255 kHz
Digital vertical frequency	48 - 160 Hz
Display diagonal (metric)	69 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
Colour gamut standard	DCI-P3
Colour gamut	95%

Performance

NVIDIA G-SYNC *	✔
NVIDIA G-SYNC type	G-SYNC Compatible
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium

Ports & interfaces

HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔
Headphone outputs	1
HDCP	✔
HDCP version	2.3

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Wall mountable	✔
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✗
Tilt adjustment	✔
Tilt angle range	-5 - 20°

Power

Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	26 kWh
Energy consumption (HDR) per 1000 hours *	49 kWh
Power consumption (typical) *	32 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)	614.8 mm
Depth (with stand)	213.8 mm
Height (with stand)	455 mm

Performance

VESA Adaptive Sync support	✔
Flicker-free technology	✔
Low Blue Light technology	✔
Game mode	✔

Multimedia

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

Design

Market positioning *	Gaming
Product colour *	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✘
HDMI *	✔

Weight & dimensions

Weight (with stand)	4.8 kg
Width (without stand)	614.8 mm
Depth (without stand)	57 mm
Height (without stand)	366.5 mm
Weight (without stand)	4 kg

Packaging data

Package width	689 mm
Package depth	160 mm
Package height	475 mm
Package weight	6.6 kg
Package type	Box

Sustainability

Sustainability certificates	Forest Stewardship Council (FSC) Mix

Other features

Shadow control	✔
Motion blur reduction	✔

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