

TUF GAMING VG27AQ5A



KEY FEATURES

QHD
2560x1440

QHD crystal image quality with HDR effect

Overclock to
210 Hz
Rapid Refresh Rate

High refresh rate for ultra fast and smooth gameplay

FAST IPS

4X faster than conventional IPS panels for swifter response

Gaming A.I.

Includes Dynamic crosshair, Dynamic shadow boost, AI Visual enhance your gaming experience

0.3 ms
Response Time

0.3ms response time (GTG,min.) for sharp gaming visuals with high frame rates



Shadow Boost

To enhance the details in dark scenes

Game Plus
Play Like a Pro

Offers in-game enhancements that help you get more out of your game

Variable Overdrive

Allows the display to dynamically alter its overdrive setting



ELMB SYNC

Enables ELMB together with VRR, eliminating ghosting and tearing for sharp gaming visuals



TUF Gaming VG27AQ5A has undergone stringent performance tests and is certified Flicker-free and Low Blue Light (Hardware solution) by TÜV Rheinland laboratories, a global provider of technical, safety, and certification services.



TUF GAMING VG27AQ5A MONITOR

Display

Panel Size (inch) : 27
Resolution : 2560x1440
Display Colors : 1073.7M (10 bit)
Viewing Angle (CR $\geq$ 10, H/V) : 178°/ 178°
Refresh Rate (Max) : 210Hz(OC)
Contrast Ratio (Typ.) : 1300:1
Color Space (DCI-P3) : 95%
Backlight Type : LED
Panel Type : Fast IPS
Pixel Pitch : 0.233mm
Response Time : 1ms(GTG), 0.3ms(min.)*
HDR (High Dynamic Range) Support : HDR10
Flicker-free : Yes
Aspect Ratio : 16:9
Brightness (Typ.) : 300cd/m²
Display Surface : Anti-Glare
Display Viewing Area (H x V) : 596.74 x 335.67 mm

Video Feature

Trace Free Technology : Yes
GameVisual : Yes
Color Temp. Selection : Yes(4 modes)
GamePlus : Yes
HDCP : Yes, 2.2
Extreme Low Motion Blur : Yes
ELMB Sync: Yes
VRR Technology : Yes (Adaptive-Sync)
GameFast Input technology : Yes
Shadow Boost : Yes
DisplayWidget : Yes, DisplayWidget Center
Low Blue Light : Yes

I/O Ports

Signal Input:
DisplayPort 1.4 x 1 (HBR2)
HDMI(v2.0) x 2
USB Hub : 1x USB 3.2 Gen 1 Type-C
(Service Port)

PC Audio Input :
Yes (3.5 mm Mini-jack)

Speaker

Yes, 2Wx2

Signal Frequency

HDMI:30~233KHz(H) / 48~ 144Hz(V)
DP: 30~311KHz(H) / 48~210Hz(V)

Power Consumption

Power Consumption : <35W*
Power Saving Mode : <0.5W
Power Off Mode : <0.3W
Voltage : 100-240V, 50/60Hz

Mechanical Design

Tilt : Yes (+20° ~ -5°)
Height Adjustment : No
VESA Wall Mounting : 100x100mm
Kensington Lock : Yes

Security

Kensington lock

Dimension (W x H x D)

Phys. Dimension : 61.50 x 45.50 x 21.40 cm (24.21" x 17.91" x 8.43")
Phys. Dimension without Stand : 61.50 x 36.70 x 5.40 cm (24.21" x 14.45" x 2.13")
Box Dimension :68.90 x 47.50 x 16.00 cm (27.13" x 18.70" x 6.30")

Weight

Net Weight : 5.0 kg (11.02 lbs)
Net Weight without Stand : 4.2 kg (9.26 lbs)
Gross Weight :7.1 kg (15.65 lbs)

Accessories

Power Cord, DisplayPort Cable, Quick Start Guide, Warranty Card, L-shaped Screwdriver(option)

Certificate

TÜV Flicker-free
TÜV Low Blue Light
VESA AdaptiveSync Display 210Hz
AMD FreeSync Premium
FSC MIX

*0.3ms GTG spec is based on internal testes. Response time may vary depending on test conditions
** measuring a screen brightness of 200 nits without audio/ USB/ Card reader connection