

# TUF GAMING VG32AQL1A MONITOR



## KEY FEATURES

**WQHD**  
**2560x1440**

WQHD crystal image quality with HDR effect

Overclock to  
**170Hz**  
Rapid Refresh Rate

High refresh rate for ultra fast and smooth gameplay



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



VESA DisplayHDR 400 certified to reproduce lifelike images

**FAST IPS**

Fast IPS enables a 1ms response time (GTG) for sharp gaming visuals with high frame rates



Shadow Boost

To enhance the details in dark scenes

**99%**  
**DCI-P3**

Support wide color gamut to reproduce vivid color

**NVIDIA G-SYNC**

Eliminates smearing and tearing, allowing you to smoothly react to your game

**AMD FreeSync Premium**

With Low Input Lag, you can hit that target just in time



TUF Gaming VG32AQL1A 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 VG32AQL1A MONITOR

Display	Panel Size (diagonal)	31.5" Wide Screen (16:9)
	Display Viewing Area	698.112x392.688 mm
	Panel Backlight/ Type	WLED / Fast IPS
	Display Surface	Non-glare
	True Resolution	2560 x 1440
	Pixel Pitch	0.273mm
	Brightness (typical)	350 cd/m2
	Brightness (HDR, Peak)	400 cd/m2
	Contrast Ratio (Max.)	1,000:1
	Viewing Angle (CR≥10)	178°(H) / 178°(V)
	Color saturation	99% DCI-P3
	Display Colors	16.7M
	Response Time	1ms GTG
	Refresh rate	170Hz (OC)
	Flicker Free	Yes
	HDR	DisplayHDR 400
	Multiple HDR mode	Yes
Video Features	ELMB Sync	Yes
	HDCP	Yes
	GameVisual	Yes (FPS,RTS/RPG, Racing , sRGB, Cinema, Scenery, MOBA)
	GamePlus	Yes (Crosshair, Timer, FPS Counter, Display Alignment, Sniper)
	GameFast Input technology	Yes
	Low Blue Light	Yes, Hardware solution
Input / Output		2 x HDMI (v2.0) 1 x DisplayPort 1.2 3.5 mm earphone-jack, USB hub x2
Speaker		2W x 2 stereo, RMS
Signal Frequency		HDMI: 30 KHz ~223 KHz (H)/ 48 Hz~144 Hz (V) DP: 223KHz ~223 KHz (H)/ 48 Hz ~144 Hz (V) (non-OC) DP: 249KHz~249KHz (H)/ 48Hz~170Hz (V) (OC)
Power	Power Consumption	<27.1W*
	Voltage	100~240V, 50 / 60 Hz
Mechanical Design	Tilt	+20°~ -5°
	Swivel	+10°~-10°
	Height adjustment	0~90mm
Dimension	Phy. Dimension	716 x (475~565) x 240mm (with stand) 716 x 426 x 54mm (without stand) 818 x 645 x 260mm (box)
Weight	8.6 kg (net), 6.2 kg (net without stand),12.4 kg (gross)	
Special Features	Dynamic Shadow Boost, ELMB SYNC, G-Sync compatible, FreeSync Premium, 1ms GTG, DisplayWidget Lite	
Accessories	Power cord, Power adapter, Warranty card , QSG, HDMI cable(option), DP cable(option), USB cable (option)	
Compliance and Standards	TUV-Flicker Free, TUV-Low Blue Light(Hardware Solution), DisplayHDR 400	

\*1ms 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