

ASUS TUF Gaming VG32AQL1A computer monitor 80 cm (31.5") 2560 x 1440 pixels Wide Quad HD LED Black

Brand : ASUS

Product family: TUF Gaming

Product code: 90LM07L0-B03370

Product name : VG32AQL1A

- 31.5-inch QHD (2560x1440) gaming monitor with ultrafast 170Hz refresh rate designed for professional gamers and immersive gameplay
 - ASUS Extreme Low Motion Blur Sync (ELMB SYNC) technology enables ELMB together with G-SYNC Compatible, eliminating ghosting and tearing for sharp gaming visuals with high frame rates
 - G-SYNC Compatible ready, delivering a seamless, tear-free gaming experience by enabling VRR (variable refresh rate) by default
 - High Dynamic Range (HDR) technology with professional color gamut delivers contrast and color performance that meets the DisplayHDR™ 400 certification
 - 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
- TUF Gaming VG32AQL1A Gaming Monitor -31.5 inch QHD (2560x1440), IPS, 170Hz, ELMB SYNC, G-Sync compatible ready, 1ms (GTG), 99% DCI-P3, VESA DisplayHDR™ 400



Display		Ports & interfaces	
Display diagonal *	80 cm (31.5")	HDMI ports quantity	2
Display resolution *	2560 x 1440 pixels	HDMI version	2.0
HD type *	Wide Quad HD	DisplayPorts quantity	1
Native aspect ratio *	16:9	DisplayPort version	1.2
Display technology *	LED	Headphone out *	✓
Panel type *	IPS	HDCP	✓
Touchscreen *	✗	Ergonomics	
Display brightness (typical)	350 cd/m²	VESA mounting *	✓
Response time *	1 ms	Panel mounting interface	100 x 100 mm
Anti-glare screen	✓	Cable lock slot *	✓
Screen shape *	Flat	Cable lock slot type	Kensington
Contrast ratio (typical) *	1000:1	Height adjustment *	✓
Contrast ratio (dynamic)	100000000:1	Adjustable height (max)	9 cm
Dynamic contrast ratio marketing name	SmartContrast	Swivelling	✓
Maximum refresh rate *	170 Hz	Swivel angle range	-10 - 10°
Viewing angle, horizontal	178°	Tilt adjustment	✓
Viewing angle, vertical	178°	Tilt angle range	-5 - 20°
Display number of colours *	16.7 million colours	Power	
Pixel pitch	0.273 x 0.273 mm	Energy efficiency class (SDR) *	G
Viewable size, horizontal	69.8 cm	Energy efficiency class (HDR) *	G
Viewable size, vertical	39.3 cm	Energy consumption (SDR) per 1000 hours *	41 kWh
Digital horizontal frequency	30 - 223 kHz	Energy consumption (HDR) per 1000 hours *	41 kWh
Digital vertical frequency	48 - 144 Hz	Power consumption (typical) *	27.1 W
High Dynamic Range (HDR) supported	✓	Energy efficiency scale	A to G
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 400		
Colour gamut standard	DCI-P3		
Colour gamut	99%		

Performance		Weight & dimensions	
NVIDIA G-SYNC *	✓	Width (with stand)	716 mm
NVIDIA G-SYNC type	G-SYNC Compatible	Depth (with stand)	240 mm
AMD FreeSync *	✓	Height (with stand)	565 mm
AMD FreeSync type	FreeSync Premium	Weight (with stand)	8.6 kg
Flicker-free technology	✓	Width (without stand)	716 mm
Low Blue Light technology	✓	Depth (without stand)	54 mm
Game mode	✓	Height (without stand)	426 mm
		Weight (without stand)	6.2 kg
Multimedia		Packaging data	
Number of speakers	2	Package width	818 mm
RMS rated power	4 W	Package depth	260 mm
Built-in speaker(s) *	✓	Package height	645 mm
Built-in camera *	✗	Package weight	12.4 kg
		Package type	Box
Design		Packaging content	
Market positioning *	Gaming	Stand included	✓
Product colour *	Black	Cables included	AC, DisplayPort, HDMI, USB Type-A to USB Type-B
		Quick start guide	✓
Ports & interfaces		Other features	
Built-in USB hub *	✓	TÜV Flicker-free TÜV Low Blue Light (Hardware Solution) VESA DisplayHDR 400 AMD FreeSync Premium G-SYNC Compatible	
USB hub version	3.2 Gen 1 (3.1 Gen 1)		
USB Type-A downstream ports quantity	2		
HDMI *	✓		
		Logistics data	
		Harmonized System (HS) code	85285210



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