

ASUS TUF Gaming VG32UQA1A computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD Black

Brand : ASUS

Product family: TUF Gaming

Product code: 90LM08L0-B01970

Product name : VG32UQA1A

- 31.5-inch 4K (3840 x 2160) gaming monitor with overclock to 160Hz refresh rate designed for professional gamers and immersive gameplay
 - ASUS Extreme Low Motion Blur Sync (ELMB Sync) technology enables ELMB and variable-refresh-rate technologies to work simultaneously to eliminate ghosting and tearing for sharp gaming visuals with high frame rates
 - FreeSync Premium delivers a seamless, tear-free gaming experience by enabling VRR (variable refresh rate) by default
 - High Dynamic Range (HDR) technology with DisplayHDR™ 400 compliance supports HDR-10 format to enhance bright and dark areas
 - HDMI® 2.1 supports native 4K 120 Hz gaming without chroma subsampling (4:4:4) on PlayStation® 5 and Xbox Series X
- 31.5" VA 4K 3840 x 2160, 1ms, 160Hz, HDCP, DisplayPort, HDMI, USB, 45W, 100 - 240V, 50/60Hz



Display		Ports & interfaces	
Display diagonal *	80 cm (31.5")	Built-in USB hub *	✓
Display resolution *	3840 x 2160 pixels	USB hub version	3.2 Gen 1 (3.1 Gen 1)
HD type *	4K Ultra HD	USB Type-A downstream ports quantity	2
Native aspect ratio *	16:9	HDMI *	✓
Panel type *	VA	HDMI ports quantity	2
Backlight type	LED	HDMI version	2.1
Touchscreen *	✗	DisplayPorts quantity	1
Display brightness (peak)	450 cd/m²	DisplayPort version	1.4
Display brightness (typical)	400 cd/m²	Headphone out *	✓
Response time	1 ms	Headphone outputs	1
Display surface	Matt	Headphone connectivity	3.5 mm
Anti-glare screen	✓	HDCP	✓
Screen shape *	Flat	HDCP version	2.2
Contrast ratio (typical) *	2500:1	Ergonomics	
Maximum refresh rate *	160 Hz	VESA mounting *	✓
Viewing angle, horizontal	178°	Panel mounting interface	100 x 100 mm
Viewing angle, vertical	178°	Wall mountable	✓
Display number of colours *	1.073 billion colours	Cable lock slot *	✓
Pixel pitch	0.182 x 0.182 mm	Cable lock slot type	Kensington
Horizontal scan range	180 - 317 kHz	Height adjustment *	✗
Vertical scan range	48 - 160 Hz	Tilt adjustment	✓
Viewable size, horizontal	69.7 cm	Tilt angle range	15 - -5°
Viewable size, vertical	39.2 cm	Power	
High Dynamic Range (HDR) supported	✓	Power consumption (typical) *	45 W
High Dynamic Range (HDR) technology	DisplayHDR 400, High Dynamic Range 10 (HDR10)	Power consumption (off)	0.3 W
RGB colour space	sRGB	Power consumption (PowerSave)	0.5 W
Colour gamut	120%	AC input voltage	100 - 240 V
sRGB coverage (typical)	120%	AC input frequency	50 - 60 Hz
Performance		Weight & dimensions	
NVIDIA G-SYNC *	✗	Width (with stand)	716 mm
AMD FreeSync *	✓	Depth (with stand)	214 mm

Performance		Weight & dimensions	
AMD FreeSync type	FreeSync Premium	Height (with stand)	496 mm
Flicker-free technology	✓	Weight (with stand)	7.5 kg
Low Blue Light technology	✓	Width (without stand)	716 mm
Game mode	✓	Depth (without stand)	55 mm
Multimedia		Height (without stand)	427 mm
Built-in speaker(s) *	✓	Weight (without stand)	6.6 kg
Built-in camera *	✗	Packaging data	
Number of speakers	2	Package width	950 mm
RMS rated power	4 W	Package depth	156 mm
Design		Package height	550 mm
Market positioning *	Gaming	Package weight	10.5 kg
Product colour *	Black	Package type	Box
Feet colour	Black	Sustainability	
		European Product Registry for Energy Labelling (EPREL) code	1430254



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