ASUS

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

Brand : ASUS

Product name : VG32UQA1A

Product family: TUF Gaming

Product code: 90LM08L0-B01970

- 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

Display diagonal *	80 cm (31.5")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Panel type *	VA
Backlight type	LED
Touchscreen *	✘
Display brightness (peak)	450 cd/m²
Display brightness (typical)	400 cd/m²
Response time	1 ms
Display surface	Matt
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	2500:1
Maximum refresh rate *	160 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.073 billion colours
Pixel pitch	0.182 x 0.182 mm
Horizontal scan range	180 - 317 kHz
Vertical scan range	48 - 160 Hz
Viewable size, horizontal	69.7 cm
Viewable size, vertical	39.2 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400, High Dynamic Range 10 (HDR10)
RGB colour space	sRGB
Colour gamut	120%
sRGB coverage (typical)	120%

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✔

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB Type-A downstream ports quantity	2
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔
Headphone outputs	1
Headphone connectivity	3.5 mm
HDCP	✔
HDCP version	2.2

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Wall mountable	✔
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✘
Tilt angle range	15 - -5°
Tilt adjustment	✔

Power

Power consumption (typical) *	45 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

Weight & dimensions

Width (with stand)	716 mm
Depth (with stand)	214 mm

Performance

AMD FreeSync type	FreeSync Premium
Flicker-free technology	✔
Low Blue Light technology	✔
Game mode	✔

Multimedia

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

Design

Market positioning *	Gaming
Product colour *	Black
Feet colour	Black

Weight & dimensions

Height (with stand)	496 mm
Weight (with stand)	7.5 kg
Width (without stand)	716 mm
Depth (without stand)	55 mm
Height (without stand)	427 mm
Weight (without stand)	6.6 kg

Packaging data

Package width	950 mm
Package depth	156 mm
Package height	550 mm
Package weight	10.5 kg
Package type	Box

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