## 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 ( $3840 \times 2160$ ) gaming monitor with overclock to 160 Hz 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
- 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         B0 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 *         ✓           Backlight type         LED         HDMI ports quantity         2           Touchscreen *         X         HDMI version         2.1           Display brightness (peak)         450 cd/m²         DisplayPorts quantity         1           Response time         1 ms         Headphone out         1           Response time         1 ms         Headphone out*         √           Display surface         Matt         Headphone outputs         1           Anti-glare screen         ✓         Headphone connectivity         3.5 mm           Screen shape *         Flat         HDCP         ✓           Contrast ratio (typical) *         2500:1         HDCP version         2.2           Maximum refresh rate *         160 Hz         Fryonomics           Viewing angle, horizontal         178°         YESA mounti
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  Panel type * VA HDMI * ✓  Backlight type LED HDMI ports quantity 2  Touchscreen * X HDMI version 2.1  Display brightness (peak) 450 cd/m² DisplayPorts quantity 1  Response time 1 ms Headphone out * ✓  Display surface Matt Headphone out * ✓  Anti-glare screen * ✓  Contrast ratio (typical) * 2500:1 HDCP version 2.2  Maximum refresh rate * 160 Hz Fraomics  Viewing angle, horizontal 178°  Viewing angle, vertical 182 x 0.182 mm Cable lock slot * ✓  Vertical scan range 48 - 160 Hz Height adjustment * ✓  Viewing triangle in the late to the late that the la
HD type * 4K Ultra HD USB Type-A downstream ports quantity  Native aspect ratio * 16:9  Native aspect ratio * 10:9  Native aspect ratio * 10:9
Native aspect ratio * 16:9 quantity  Panel type * VA HDMI *   Backlight type LED HDMI ports quantity 2  Touchscreen * X HDMI version 2.1  Display brightness (peak) 450 cd/m² DisplayPorts quantity 1  Display brightness (typical) 400 cd/m² DisplayPort version 1.4  Response time 1 ms Headphone out *   Anti-glare screen
Native aspect ratio * 16:9  Panel type * VA  Backlight type  LED  HDMI ports quantity  2  Touchscreen *  Display brightness (peak)  Display brightness (typical)  Esponse time  1 ms  Headphone out *  Nati-glare screen  Matt  Anti-glare screen  Screen shape *  Contrast ratio (typical) *  Zoso:1  Maximum refresh rate *  160 Hz  Maximum refresh rate *  Viewing angle, horizontal  Display number of colours *  Niewing arange  Niewing arange  10:9  Hould ports quantity  2  DisplayPorts quantity  1  DisplayPorts quantity  1  Neadphone out *  Neadphone out *  Neadphone out *  Neadphone connectivity  Neadphone
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Touchscreen * X HDMI version 2.1  Display brightness (peak) 450 cd/m² DisplayPorts quantity 1  Display brightness (typical) 400 cd/m² DisplayPort version 1.4  Response time 1 ms Headphone out * ✓  Display surface Matt Headphone outputs 1  Anti-glare screen ✓ Headphone connectivity 3.5 mm  Screen shape * Flat HDCP ✓  Contrast ratio (typical) * 2500:1 HDCP version 2.2  Maximum refresh rate * 160 Hz Frgonomics  Viewing angle, horizontal 178° VESA mounting * ✓  Viewing angle, vertical 178° Panel mounting interface 100 x 100 mm  Display number of colours * 1.073 billion colours Wall mountable ✓  Pixel pitch 0.182 x 0.182 mm Cable lock slot * ✓  Vertical scan range 48 - 160 Hz Height adjustment * ×  **Contract ratio (typical) * ✓  Viewing angle, vertical 178° Cable lock slot type Kensington Vertical scan range 48 - 160 Hz Height adjustment * ×
Display brightness (peak)  Display brightness (typical)  A00 cd/m²  DisplayPort version  1.4  Response time  1 ms  Headphone out *  Headphone outputs  1  Anti-glare screen  Matt  Headphone connectivity  3.5 mm  Screen shape *  Contrast ratio (typical) *  Display Port version  Headphone outputs  1  Headphone connectivity  3.5 mm  Headphone connectivity  3.5 mm  Screen shape *  Contrast ratio (typical) *  Display Port version  Headphone outputs  Headphone connectivity  3.5 mm  HDCP  Version  Screen shape *  Contrast ratio (typical) *  Display Port version  Display number of colours *  Displa
Display brightness (typical)  Response time  1 ms  Headphone out *  Headphone outputs  1 ms  Anti-glare screen  Anti-glare screen  Flat  Contrast ratio (typical) *  Viewing angle, horizontal  Display number of colours *  Display number of colours *  Horizontal scan range  Vertical scan range  Viewing angle, horizontal  DisplayPort version  1.4  Headphone out *  Headphone outputs  1 headphone connectivity  Anti-glare screen  Headphone connectivity  Anti-glare screen  HDCP  HDCP  Version  2.2  Ergonomics  VESA mounting *  VESA mounting *  VESA mounting interface  100 x 100 mm  Cable lock slot *  Horizontal scan range  Vertical scan range  48 - 160 Hz  Height adjustment *  Viewing angle, berignately  Kensington
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Display surface Matt Headphone outputs 1  Anti-glare screen
Anti-glare screen  Anti-glare screen  Screen shape *  Flat  HDCP  Contrast ratio (typical) *  Maximum refresh rate *  160 Hz  Figonomics  Viewing angle, horizontal  178°  Viewing angle, vertical  Display number of colours *  1.073 billion colours  Pixel pitch  Horizontal scan range  180 - 317 kHz  Cable lock slot type  Vertical scan range  Wester the display the price the price to the price the price to the price
Screen shape * Flat HDCP  Contrast ratio (typical) * 2500:1 HDCP version 2.2  Maximum refresh rate * 160 Hz  Viewing angle, horizontal 178°  Viewing angle, vertical 178°  Viewing angle, vertical 178°  Panel mounting interface 100 x 100 mm  Display number of colours * 1.073 billion colours Wall mountable  Pixel pitch 0.182 x 0.182 mm  Cable lock slot *  Horizontal scan range 180 - 317 kHz  Cable lock slot type Kensington  Vertical scan range 48 - 160 Hz  Height adjustment *
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Visuable size harizantal 60.7 are
THE GUIUSTITIETTE
Viewable size, vertical 39.2 cm Tilt angle range 155°
High Dynamic Range (HDR) supported Power
High Dynamic Range (HDR) DisplayHDR 400, High Dynamic Power consumption (typical) * 45 W
technology 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 Flicker-free technology Low Blue Light technology Game mode	FreeSync Premium	Height (with stand) Weight (with stand) Width (without stand) Depth (without stand)	496 mm 7.5 kg 716 mm 55 mm
Multimedia Built-in speaker(s) *	It-in speaker(s) *  It-in camera *  The property of speakers the speakers the speaker is a speaker in the speaker in the speaker is a speaker in the	Height (without stand) Weight (without stand)	427 mm 6.6 kg
Built-in camera * Number of speakers RMS rated power		Packaging data Package width Package depth	950 mm 156 mm
Design  Market positioning *	Gaming	Package height Package weight Package type	550 mm 10.5 kg Box
Product colour * Black Feet colour Black	Black Black	Sustainability  European Product Registry for Energy Labelling (EPREL) code	1430254



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