GIGABYTE M32U 31.5" 4K UHD Arm Edition Gaming Monitor - 3840 x 2160, 144Hz, 1ms, 350 cd/m², FreeSync Premium Pro, Display HDR400, HDMI 2.1, Displayport 1.4

Brand : GIGABYTE

Product code: M32UAE EK

Product name : M32U 31.5" 4K UHD Arm Edition Gaming Monitor - 3840 x 2160, 144Hz, 1ms, 350 cd/m², FreeSync Premium Pro, Display HDR400, HDMI 2.1, Displayport 1.4

- 31.5-inch SuperSpeed IPS panel with UHD resolution
- Arm Edition: Height adjustments, swivel, pivot, tilt and forward extension
- 144Hz refresh rate, 1ms response time
- KVM cross-platform control
- Console gaming at 4K/ 120Hz via HDMI 2.1
- 10 bits, 90% DCI-P3
- Supports DisplayHDR400, AMD FreeSync Premium Pro
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As a 4K gaming monitor, GIGABYTE M32U Arm Edition introduces an ergonomic monitor arm that adapts to every desktop scenario. Equipped with the SuperSpeed IPS panel, this monitor delivers 144hz refresh rate at 1ms response time and presents color accuracy with 10-bit color depth plus 90% DCI-P3 wide color gamut.

Display	
Display diagonal *	80 cm (31.5")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Display technology *	LED
Panel type *	SS-IPS
Backlight type	Edge LED
Touchscreen *	✘
Display brightness (typical)	350 cd/m²
Response time *	1 ms
Screen shape *	Flat
Contrast ratio (typical) *	1000:1
Maximum refresh rate *	144 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.181 x 0.181 mm
Viewable size, horizontal	69.7 cm
Viewable size, vertical	39.2 cm
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	DisplayHDR 400
Colour depth	10 bit
Colour gamut standard	DCI-P3
Colour gamut	90%
sRGB coverage (typical)	103%

Performance	
NVIDIA G-SYNC *	✘
AMD FreeSync *	✘

Ports & interfaces	
Headphone out *	✓

Ergonomics	
VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✓
Height adjustment	16.7 cm
Pivot	✓
Pivot angle	0 - 90°
Swivelling	✓
Swivel angle range	-270 - 270°
Tilt adjustment	✓
Tilt angle range	-5 - 25°
On Screen Display (OSD)	✓

Power	
Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	33 kWh
Energy consumption (HDR) per 1000 hours *	80 kWh
Power consumption (typical) *	45.5 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G

Performance

AMD FreeSync type	FreeSync Premium Pro
Flicker-free technology	✓

Multimedia

Number of speakers	2
RMS rated power	6 W
Built-in speaker(s) *	✓

Design

Market positioning *	Gaming
Product colour *	Black
Front bezel colour	Black

Ports & interfaces

Built-in USB hub *	✓
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	3
HDMI *	✓
HDMI ports quantity	2
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4

Weight & dimensions

Width (with stand)	715.3 mm
Depth (with stand)	221 mm
Height (with stand)	587.7 mm
Weight (with stand)	10.5 kg
Width (without stand)	715.8 mm
Depth (without stand)	68.2 mm
Height (without stand)	423 mm
Weight (without stand)	7.21 kg

Packaging data

Package width	990 mm
Package depth	192 mm
Package height	536 mm
Package weight	13.7 kg

Packaging content

Stand included	✓
Cables included	AC, DisplayPort, HDMI, USB
Quick start guide	✓

Other features

HBR3 support	✓

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