



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		Ports & interfaces	
Display diagonal *	80 cm (31.5")	Headphone out *	✓
Display resolution *	3840 x 2160 pixels	Ergonomics	
HD type *	4K Ultra HD	VESA mounting *	✓
Display technology *	LED	Panel mounting interface	100 x 100 mm
Panel type *	SS-IPS	Cable lock slot *	✓
Backlight type	Edge LED	Cable lock slot type	Kensington
Touchscreen *	✗	Height adjustment *	✓
Display brightness (typical)	350 cd/m ²	Height adjustment	16.7 cm
Response time *	1 ms	Pivot	✓
Screen shape *	Flat	Pivot angle	0 - 90°
Contrast ratio (typical) *	1000:1	Swivelling	✓
Maximum refresh rate *	144 Hz	Swivel angle range	-270 - 270°
Viewing angle, horizontal	178°	Tilt adjustment	✓
Viewing angle, vertical	178°	Tilt angle range	-5 - 25°
Display number of colours *	1.07 billion colours	On Screen Display (OSD)	✓
Pixel pitch	0.181 x 0.181 mm	Power	
Viewable size, horizontal	69.7 cm	Energy efficiency class (SDR) *	G
Viewable size, vertical	39.2 cm	Energy efficiency class (HDR) *	G
High Dynamic Range (HDR) supported	✓	Energy consumption (SDR) per 1000 hours *	33 kWh
High Dynamic Range (HDR) technology	DisplayHDR 400	Energy consumption (HDR) per 1000 hours *	80 kWh
Colour depth	10 bit	Power consumption (typical) *	45.5 W
Colour gamut standard	DCI-P3	Power consumption (standby) *	0.5 W
Colour gamut	90%	Power consumption (off)	0.3 W
sRGB coverage (typical)	103%	AC input voltage	100 - 240 V
Performance		AC input frequency	50/60 Hz
NVIDIA G-SYNC *	✗	Energy efficiency scale	A to G
AMD FreeSync *	✗		

Performance		Weight & dimensions	
AMD FreeSync type	FreeSync Premium Pro	Width (with stand)	715.3 mm
Flicker-free technology	✓	Depth (with stand)	221 mm
Multimedia		Height (with stand)	587.7 mm
Number of speakers	2	Weight (with stand)	10.5 kg
RMS rated power	6 W	Width (without stand)	715.8 mm
Built-in speaker(s) *	✓	Depth (without stand)	68.2 mm
Design		Height (without stand)	423 mm
Market positioning *	Gaming	Weight (without stand)	7.21 kg
Product colour *	Black	Packaging data	
Front bezel colour	Black	Package width	990 mm
Ports & interfaces		Package depth	192 mm
Built-in USB hub *	✓	Package height	536 mm
Number of USB Type-C upstream ports quantity	1	Package weight	13.7 kg
USB Type-A downstream ports quantity	3	Packaging content	
HDMI *	✓	Stand included	✓
HDMI ports quantity	2	Cables included	AC, DisplayPort, HDMI, USB
HDMI version	2.1	Quick start guide	✓
DisplayPorts quantity	1	Other features	
DisplayPort version	1.4	HBR3 support	✓



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