

## GIGABYTE M32U 31.5" 4K UHD Gaming Monitor - 3840 x 2160, 144Hz, 1ms, 350 cd/m<sup>2</sup>, FreeSync Premium Pro, Display HDR400, HDMI 2.1, Displayport 1.4

**Brand :** GIGABYTE

**Product code:** M32U EK

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- 31.5-inch SuperSpeed IPS panel with UHD resolution
  - 144Hz refresh rate, 1ms response time
  - KVM cross-platform control
  - Console gaming at 4K/ 120Hz via HDMI 2.1
  - 10 bits, 90% DCI-P3
  - Ergonomic design: Height, swivel, and tilt adjustments
  - Supports DisplayHDR400, AMD FreeSync Premium Pro
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GIGABYTE M32U features a 31.5-inch UHD with a 144Hz refresh rate, 1ms response time, and 10-bit color, offering you a fluid gaming experience and detailed display quality. With an exclusive KVM, controlling across platforms cannot be any easier. Enjoy everything on M32U.



Display		Ports & interfaces	
Display diagonal *	80 cm (31.5")	Headphone outputs	1
Display resolution *	3840 x 2160 pixels	<b>Ergonomics</b>	
HD type *	4K Ultra HD	VESA mounting *	✓
Native aspect ratio *	16:9	Panel mounting interface	100 x 100 mm
Display technology *	LED	Cable lock slot *	✓
Panel type *	SS-IPS	Cable lock slot type	Kensington
Backlight type	Edge LED	Height adjustment *	✓
Touchscreen *	✗	Adjustable height (max)	13 cm
Display brightness (typical)	350 cd/m <sup>2</sup>	Swivelling	✓
Response time *	1 ms	Swivel angle range	-30 - 30°
Anti-glare screen	✓	Tilt adjustment	✓
Screen shape *	Flat	Tilt angle range	-5 - 20°
Contrast ratio (typical) *	1000:1	<b>Power</b>	
Maximum refresh rate *	144 Hz	Energy efficiency class (SDR) *	G
Viewing angle, horizontal	178°	Energy efficiency class (HDR) *	G
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	33 kWh
Display number of colours *	1.073 billion colours	Energy consumption (HDR) per 1000 hours *	80 kWh
Pixel pitch	0.181 x 0.181 mm	Power consumption (standby) *	0.5 W
Viewable size, horizontal	69.7 cm	Power consumption (max)	140 W
Viewable size, vertical	39.2 cm	Power consumption (off)	0.3 W
High Dynamic Range (HDR) supported	✓	Power consumption (PowerSave)	0.5 W
High Dynamic Range (HDR) technology	DisplayHDR 400	AC input voltage	100 - 240 V
Colour depth	10 bit	AC input frequency	50 - 60 Hz
Colour gamut standard	DCI-P3	Energy efficiency scale	A to G
Colour gamut	90%	European Product Registry for Energy Labelling (EPREL) code	435887
sRGB coverage (typical)	123%		

<b>Performance</b>		<b>Operational conditions</b>	
NVIDIA G-SYNC *	✗	Operating temperature (T-T)	0 - 40 °C
AMD FreeSync *	✓	<b>Weight &amp; dimensions</b>	
AMD FreeSync type	FreeSync Premium Pro	Width (with stand)	715.3 mm
Flicker-free technology	✓	Depth (with stand)	244.3 mm
<b>Multimedia</b>		Height (with stand)	585.3 mm
Number of speakers	2	Weight (with stand)	10.3 kg
RMS rated power	6 W	Width (without stand)	715.3 mm
Built-in speaker(s) *	✓	Depth (without stand)	68.2 mm
Built-in camera *	✗	Height (without stand)	423.8 mm
<b>Design</b>		Weight (without stand)	7.25 kg
Market positioning *	Gaming	<b>Packaging data</b>	
Product colour *	Black	Package width	990 mm
Feet colour	Black	Package depth	192 mm
<b>Ports &amp; interfaces</b>		Package height	536 mm
Built-in USB hub *	✓	Package weight	13.8 kg
USB hub version	3.2 Gen 1 (3.1 Gen 1)	<b>Packaging content</b>	
USB upstream port type	USB Type-B	Stand included	✓
Number of upstream ports	1	Cables included	AC, DisplayPort, HDMI, USB
USB Type-A downstream ports quantity	3	Quick start guide	✓
USB Type-C downstream ports quantity	1	<b>Other features</b>	
HDMI *	✓	HBR3 support	✓
HDMI ports quantity	2	Warranty period	3 year(s)
HDMI version	2.1	<b>Logistics data</b>	
DisplayPorts quantity	1	Products per shipping (inner) case	1 pc(s)
DisplayPort version	1.4	Harmonized System (HS) code	85285210
Headphone out *	✓		



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