GIGABYTE

GIGABYTE M28U computer monitor 71.1 cm (28") 3840 x 2160 pixels 4K Ultra HD LED Black

Brand : GIGABYTE

Product name : M28U

Product code: M28U EU

- 71.1cm (28") 4K Ultra HD 3840 x 2160 Edge LED SS-IPS
- 1ms, 16:9, 300cd/m², 1000:1
- USB, HDMI, DisplayPort
71.1cm (28") 4K Ultra HD 3840 x 2160 Edge LED SS-IPS, 16:9, 300cd/m², 16.7M, 1ms, 178°/178°, 1000:1 GIGABYTE M28U. Display diagonal: 71.1 cm (28"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display		**Ports & interfaces**	
Display diagonal *	71.1 cm (28")	HDMI *	✓
Display resolution *	3840 x 2160 pixels	HDMI ports quantity	2
HD type *	4K Ultra HD	HDMI version	2.1
Native aspect ratio *	16:9	DisplayPorts quantity	1
Display technology *	LED	DisplayPort version	1.4
Panel type *	SS-IPS	Headphone out *	✓
Backlight type	Edge LED	AC (power) in	✓
Touchscreen *	✗	**Ergonomics**	
Display brightness (typical)	300 cd/m²	VESA mounting *	✓
Response time *	1 ms	Panel mounting interface	100 x 100 mm
Anti-glare screen	✓	Cable lock slot *	✓
Screen shape *	Flat	Cable lock slot type	Kensington
Supported graphics resolutions	640 x 480 (VGA), 720 x 480, 800 x 600 (SVGA), 1024 x 768 (XGA), 1280 x 720 (HD 720), 1920 x 1080 (HD 1080), 2560 x 1440, 3840 x 2160	Height adjustment *	✓
		Height adjustment	13 cm
		Tilt adjustment	✓
		Tilt angle range	-5 - 20°
Contrast ratio (typical) *	1000:1	**Power**	
Maximum refresh rate *	144 Hz		
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	G
Viewing angle, vertical	178°	Energy efficiency class (HDR) *	G
Display number of colours *	16.7 million colours	Energy consumption (SDR) per 1000 hours *	33 kWh
Pixel pitch	0.16 x 0.16 mm		
Viewable size, horizontal	63.2 cm	Energy consumption (HDR) per 1000 hours *	53 kWh
Viewable size, vertical	36 cm		
High Dynamic Range (HDR) supported	✓	Power consumption (standby) *	0.5 W
		Power consumption (max)	115 W
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 400	Power consumption (off)	0.3 W
		Power consumption (PowerSave)	0.5 W
Colour depth	8 bit	AC input voltage	100 - 240 V
Colour gamut standard	DCI-P3	Energy efficiency scale	A to G
Colour gamut	94%		
sRGB coverage (typical)	120%		

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
Flicker-free technology	✔

Multimedia

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

Design

Market positioning *	Gaming
Product colour *	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B
Number of upstream ports	1
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	3

Operational conditions

Operating temperature (T-T)	0 - 40 °C

Weight & dimensions

Width (with stand)	636.5 mm
Depth (with stand)	193.6 mm
Height (with stand)	534.2 mm
Weight (with stand)	6.93 kg
Width (without stand)	636.5 mm
Depth (without stand)	63.1 mm
Height (without stand)	372.3 mm
Weight (without stand)	5.18 kg

Packaging data

Package width	890 mm
Package depth	148 mm
Package height	510 mm
Package weight	9.7 kg

Packaging content

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

Other features

HBR3 support	✔

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