GIGABYTE

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

Brand : Gigabyte
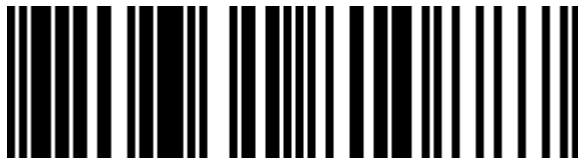**Product code:** M28U
Product name : M28U

28," SS IPS, 3840x2160, 144 Hz, 2x HDMI, DP, RMS 2x 3W, USB, AC 100-240V, 636.5x534.2x193.6 mm
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

Display diagonal *	71.1 cm (28")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	SS-IPS
Backlight type	Edge LED
Touchscreen *	✘
Display brightness (typical)	300 cd/m²
Response time	1 ms
Anti-glare screen	✓
Screen shape *	Flat
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
Contrast ratio (typical) *	1000:1
Maximum refresh rate *	144 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.16 x 0.16 mm
Viewable size, horizontal	63.2 cm
Viewable size, vertical	36 cm
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 400
Colour depth	8 bit
RGB colour space	DCI-P3
Colour gamut	94%
sRGB coverage (typical)	120%

Ports & interfaces

HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✓
AC (power) in *	✓

Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✓
Height adjustment	13 cm
Tilt adjustment	✓
Tilt angle range	-5 - 20°

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 *	53 kWh
Power consumption (standby) *	0.5 W
Power consumption (max)	115 W
Power consumption (off)	0.3 W
Power consumption (PowerSave)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Energy efficiency scale	A to G

Operational conditions

Operating temperature (T-T)	0 - 40 °C

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
Flicker-free technology	✔
HBR3 support	✔

Multimedia

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

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
HDMI *	✔
HDMI ports quantity	2

Packaging content

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

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

Sustainability

European Product Registry for Energy Labelling (EPREL) code	406776

Logistics data

Harmonized System (HS) code	85285210

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