**GIGABYTE**

# GIGABYTE M27Q 27" QHD Gaming Monitor - 2560 x 1440, 170Hz, 0.5ms, 350 cd/m², FreeSync Premium, Display HDR400, HDMI 2.1, Displayport 1.4

**Brand :** GIGABYTE

**Product code:** M27Q EK

**Product name :** M27Q 27" QHD Gaming Monitor - 2560 x 1440, 170Hz, 0.5ms, 350 cd/m², FreeSync Premium, Display HDR400, HDMI 2.1, Displayport 1.4

- 27-inch SuperSpeed IPS display with QHD resolution
- KVM cross-platform control
- 165Hz refresh rate, 1ms response time
- 10 bits, 95% DCI-P3
- Supports DisplayHDR400, AMD FreeSync Premium
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GIGABYTE M27Q features a 27-inch QHD with a 165Hz 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 M27Q.

| Display | |
|---|---|
| Display diagonal * | 68.6 cm (27") |
| Display resolution * | 2560 x 1440 pixels |
| HD type * | Quad HD |
| Native aspect ratio * | 16:9 |
| Display technology * | LED |
| Panel type * | SS-IPS |
| Touchscreen * | ✘ |
| Display brightness (typical) | 350 cd/m² |
| Response time * | 0.5 ms |
| Anti-glare screen | ✔ |
| Screen shape * | Flat |
| Contrast ratio (typical) * | 1000:1 |
| Contrast ratio (dynamic) | 100000000:1 |
| Maximum refresh rate * | 170 Hz |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Display number of colours * | 16.7 million colours |
| Pixel pitch | 0.2331 x 0.2331 mm |
| Viewable size, horizontal | 59.7 cm |
| Viewable size, vertical | 33.6 cm |
| High Dynamic Range (HDR) supported | ✔ |
| High Dynamic Range (HDR) technology | DisplayHDR 400 |
| Colour depth | 8 bit |
| Colour gamut standard | DCI-P3 |
| Colour gamut | 92% |
| sRGB coverage (typical) | 140% |

| Ports & interfaces | |
|---|---|
| DC-in jack | ✔ |

| 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) * | F |
| Energy efficiency class (HDR) * | G |
| Energy consumption (SDR) per 1000 hours * | 26 kWh |
| Energy consumption (HDR) per 1000 hours * | 43 kWh |
| Power consumption (standby) * | 0.5 W |
| Power consumption (max) | 58 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 |
| Input current | 3.42 A |
| Energy efficiency scale | A to G |
| European Product Registry for Energy Labelling (EPREL) code | 396165 |

**Performance**

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

**Multimedia**

| | |
|---|---|
| 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 |
| USB Type-A downstream ports quantity | 2 |
| USB Type-C downstream ports quantity | 1 |
| HDMI * | ✔ |
| HDMI ports quantity | 2 |
| HDMI version | 2.0 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.2 |
| Headphone out * | ✔ |
| Headphone outputs | 1 |

**Operational conditions**

| | |
|---|---|
| Operating temperature (T-T) | 0 - 40 °C |

**Weight & dimensions**

| | |
|---|---|
| Width (with stand) | 615.1 mm |
| Depth (with stand) | 203 mm |
| Height (with stand) | 533.5 mm |
| Weight (with stand) | 5.5 kg |
| Width (without stand) | 615.1 mm |
| Depth (without stand) | 42.2 mm |
| Height (without stand) | 367.4 mm |

**Packaging data**

| | |
|---|---|
| Package width | 720 mm |
| Package depth | 200 mm |
| Package height | 470 mm |
| Package weight | 7.79 kg |
| Package type | Box |

**Packaging content**

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

**Other features**

| | |
|---|---|
| Warranty period | 3 year(s) |

**Logistics data**

| | |
|---|---|
| Products per shipping (inner) case | 1 pc(s) |
| Harmonized System (HS) code | 85285210 |

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