# Philips Momentum 27M1N3500LS/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD Black

**Brand :** Philips

**Product family:** Momentum

**Product code:**
27M1N3500LS/00

**Product name :**
27M1N3500LS/00

Gaming Monitor 27M1N3500LS Quad HD gaming monitor

Philips Momentum 27M1N3500LS/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD Black:

This Philips Evnia gaming monitor delivers crystal-clear visuals and smooth gameplay. Sync technology, 165Hz refresh rate with HDR create a lifelike experience. The slim-frame display with Ultra Wide-Color enhances visual immersion.
Philips Momentum 27M1N3500LS/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LED, Display surface: Matt, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). VESA mounting. Product colour: Black

## 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 * | VA |
| Backlight type | W-LED |
| Touchscreen * | ✗ |
| Display brightness (typical) | 250 cd/m² |
| Response time * | 4 ms |
| Display surface | Matt |
| Anti-glare screen | ✔ |
| Screen shape * | Flat |
| Aspect ratio | 16:9 |
| Contrast ratio (typical) * | 4000:1 |
| Dynamic contrast ratio marketing name | Mega Infinity DCR |
| Maximum refresh rate * | 165 Hz |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Display number of colours * | 16.7 million colours |
| Response time (fast) | 1 ms |
| Pixel pitch | 0.2331 x 0.2331 mm |
| Pixel density | 108.79 ppi |
| Horizontal scan range | 30 - 230 kHz |
| Vertical scan range | 48 - 144 Hz |
| Viewable size, horizontal | 59.7 cm |
| Viewable size, vertical | 33.6 cm |
| Display diagonal (metric) | 68.5 cm |
| High Dynamic Range (HDR) supported | ✔ |

## Ergonomics

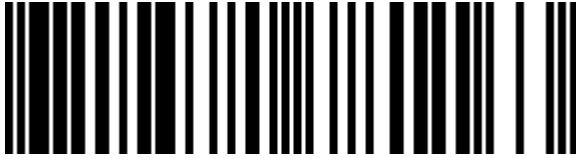| | |
|---|---|
| Tilt adjustment | ✔ |
| Tilt angle range | -5 - 20° |
| On Screen Display (OSD) | ✔ |
| On Screen Display (OSD) languages | Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian |
| Number of OSD languages | 21 |
| Plug and Play | ✔ |
| LED indicators | Operation, Stand-by |

## Power

| | |
|---|---|
| Energy efficiency class (SDR) * | F |
| Energy efficiency class (HDR) * | G |
| Energy consumption (SDR) per 1000 hours * | 31 kWh |
| Energy consumption (HDR) per 1000 hours * | 31 kWh |
| Power consumption (typical) * | 33 W |
| Power consumption (standby) * | 0.5 W |
| Power consumption (off) | 0.3 W |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50 - 60 Hz |
| Power supply type | Internal |
| European Product Registry for Energy Labelling (EPREL) code | 1061555 |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 40 °C |
| Storage temperature (T-T) | -20 - 60 °C |
| Operating relative humidity (H-H) | 20 - 80% |
| Operating altitude | 0 - 3658 m |

## Display

| | |
|---|---|
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) |
| DDC/CI | ✔ |
| Haze rate | 25% |
| Surface hardness | 3H |
| sRGB coverage (typical) | 126.5% |
| NTSC coverage (typical) | 95.6% |
| Adobe RGB coverage | 87.5% |
| Display sRGB | ✔ |

## Performance

| | |
|---|---|
| AMD FreeSync * | ✔ |
| AMD FreeSync type | FreeSync Premium |
| VESA Adaptive Sync support | ✔ |
| Component video sync | Separate sync |
| Flicker-free technology | ✔ |
| Low Blue Light technology | ✔ |

## Multimedia

| | |
|---|---|
| Number of speakers | 2 |
| RMS rated power | 10 W |
| Built-in speaker(s) * | ✔ |
| Built-in camera * | ✘ |

## Design

| | |
|---|---|
| Market positioning * | Gaming |
| Product colour * | Black |

## Ports & interfaces

| | |
|---|---|
| Built-in USB hub * | ✘ |
| HDMI * | ✔ |
| HDMI ports quantity | 2 |
| HDMI version | 2.0 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.4 |
| Audio output | ✔ |
| HDCP | ✔ |
| HDCP version | 1.4/2.2 |

## Ergonomics

| | |
|---|---|
| VESA mounting * | ✔ |
| Panel mounting interface | 100 x 100 mm |
| Cable lock slot * | ✔ |
| Cable lock slot type | Kensington |

## Operational conditions

| | |
|---|---|
| Non-operating altitude | 0 - 12192 m |

## Weight & dimensions

| | |
|---|---|
| Width (with stand) | 614 mm |
| Depth (with stand) | 193 mm |
| Height (with stand) | 447 mm |
| Weight (with stand) | 5.65 kg |
| Width (without stand) | 614 mm |
| Depth (without stand) | 55 mm |
| Height (without stand) | 365 mm |
| Weight (without stand) | 4.2 kg |

## Packaging data

| | |
|---|---|
| Package width | 780 mm |
| Package depth | 186 mm |
| Package height | 525 mm |
| Package weight | 9.88 kg |
| Package type | Box |

## Packaging content

| | |
|---|---|
| Stand included | ✔ |
| Cables included | HDMI, DisplayPort, AC |
| Manual | ✔ |

## Sustainability

| | |
|---|---|
| Doesn't contain | Mercury, PVC/BFR |

## Other features

| | |
|---|---|
| Low input lag | ✔ |
| Exterior finish type | Textured |
| Picture enhancement | SmartImage game |
| Recyclable packaging material | 100% |
| Regulatory Approvals | CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV/ISO9241-307; TUV-BAUART |
| EasyRead mode | ✔ |
| LowBlue mode | ✔ |
| Energy efficiency class (old) | G |
| Compliance certificates | RoHS |
| Mean time between failures (MTBF) | 50000 h |
| Certification | CB, CE Mark, FCC Class B, ICES-003, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART |

## Logistics data

| | |
|---|---|
| Harmonized System (HS) code | 85285210 |

8712581781163