

Philips 27M2C5500W/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

Brand : Philips

Product code: 27M2C5500W/00

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Evnia 5000 27" (68.5 cm) Quad HD gaming monitor

Philips 27M2C5500W/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

The speed of lightning is no longer a figure of speech with a 240 Hz refresh rate. Smooth gameplay can always be guaranteed by Evnia. The compact ergonomic design allows you to play your game your way. Philips 27M2C5500W/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



| Display | | Ergonomics | |
|---------------------------------------|-----------------------|---|---|
| Display diagonal * | 68.6 cm (27") | Panel mounting interface | 100 x 100 mm |
| Display resolution * | 2560 x 1440 pixels | Cable lock slot * | ✓ |
| HD type * | Quad HD | Cable lock slot type | Kensington |
| Native aspect ratio * | 16:9 | Height adjustment * | ✓ |
| Display technology * | LCD | Height adjustment | 13 cm |
| Panel type * | VA | Swivelling | ✓ |
| Backlight type | W-LED | Swivel angle range | -30 - 30° |
| Touchscreen * | ✗ | Tilt angle range | -5 - 20° |
| Display brightness (typical) | 400 cd/m ² | Picture-in-Picture | ✓ |
| Response time | 1 ms | On Screen Display (OSD) | ✓ |
| Screen shape * | Curved | 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 |
| Screen curvature rating | 1000R | Plug and Play | ✓ |
| Aspect ratio | 16:9 | LED indicators | Operation, Stand-by |
| Contrast ratio (typical) * | 3000:1 | | |
| Dynamic contrast ratio marketing name | Mega Infinity DCR | | |
| Maximum refresh rate * | 144 Hz | | |
| Viewing angle, horizontal | 178° | | |
| Viewing angle, vertical | 178° | | |
| Display number of colours * | 16.7 million colours | | |
| Response time (fast) | 0.5 ms | | |
| Pixel pitch | 0.2331 x 0.2331 mm | | |
| Pixel density | 108.79 ppi | | |
| 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 | ✓ | | |
| High Dynamic Range (HDR) technology | DisplayHDR 400 | | |
| DDC/CI | ✓ | | |
| | | 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 * | 56 kWh |
| | | Power consumption (typical) * | 25.9 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 |
| | | Energy efficiency scale | A to G |

| | | | |
|--------------------------------------|--|---|--|
| Display | | Operational conditions | |
| Colour depth | 8 bit | Operating temperature (T-T) | 0 - 40 °C |
| RGB colour space | sRGB | Storage temperature (T-T) | -20 - 60 °C |
| sRGB coverage (typical) | 119% | Operating relative humidity (H-H) | 20 - 80% |
| NTSC coverage (typical) | 98.5% | Operating altitude | 0 - 3658 m |
| Display sRGB | ✓ | Non-operating altitude | 3658 - 12192 m |
| Performance | | Packaging content | |
| NVIDIA G-SYNC * | ✗ | Stand included | ✓ |
| AMD FreeSync * | ✓ | Cables included | HDMI, DisplayPort, USB, AC |
| AMD FreeSync type | FreeSync Premium Pro | Manual | ✓ |
| Fast charging | ✓ | Weight & dimensions | |
| VESA Adaptive Sync support | ✓ | Width (with stand) | 606 mm |
| Component video sync | Separate sync | Depth (with stand) | 230 mm |
| Flicker-free technology | ✓ | Height (with stand) | 527 mm |
| Low Blue Light technology | ✓ | Weight (with stand) | 6.25 kg |
| Low input lag | ✓ | Width (without stand) | 606 mm |
| Compatible operating systems | Mac OS X Windows 11 / 10 / 8.1 / 8 / 7 | Depth (without stand) | 108 mm |
| Multimedia | | Height (without stand) | 370 mm |
| Built-in speaker(s) * | ✗ | Weight (without stand) | 5 kg |
| Built-in camera * | ✗ | Packaging data | |
| Design | | Package width | 785 mm |
| Market positioning * | Gaming | Package depth | 190 mm |
| Product colour * | Black | Package height | 483 mm |
| Colour name | Dark Slate | Package weight | 10.3 kg |
| Feet colour | Black | Sustainability | |
| Ports & interfaces | | Sustainability compliance | ✓ |
| Built-in USB hub * | ✓ | Sustainability certificates | RoHS |
| USB hub version | 3.2 Gen 1 (3.1 Gen 1) | Doesn't contain | Mercury, PVC/BFR |
| USB upstream port type | USB Type-B | European Product Registry for Energy Labelling (EPREL) code | 1382716 |
| Number of upstream ports | 1 | Other features | |
| USB Type-A downstream ports quantity | 4 | Picture-by-Picture (PbP) | ✓ |
| HDMI * | ✓ | Exterior finish type | Textured |
| HDMI ports quantity | 2 | Picture enhancement | SmartImage game |
| HDMI version | 2.0 | Recyclable packaging material | 100% |
| DisplayPorts quantity | 2 | Regulatory Approvals | CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV/ISO9241-307; TUV-BAUART |
| DisplayPort version | 1.4 | Delta E | 2 |
| Audio output | ✓ | EasyRead mode | ✓ |
| HDCP | ✓ | LowBlue mode | ✓ |
| HDCP version | 1.4/2.2 | Philips SmartUniformity | 93 - 105% |
| Ergonomics | | Mean time between failures (MTBF) | 30000 h |
| VESA mounting * | ✓ | | |



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