

Philips 276B1/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Full HD LED Black

Brand : Philips

Product code: 276B1/00

Product name : 276B1/00

Monitor 276B1 LCD monitor with USB-C docking

Philips 276B1/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Full HD LED Black:

This Philips monitor offers 90W power delivery and a simple laptop docking solution. View QHD images, recharge a laptop and stay connected to Ethernet, all at the same time with a single USB-C cable. Eye comfort with TUV certification to reduce eye fatigue. Philips 276B1/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Full 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). 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") | Cable lock slot type | Kensington |
| Display resolution * | 2560 x 1440 pixels | Height adjustment * | ✓ |
| HD type * | Full HD | Height adjustment | 15 cm |
| Native aspect ratio * | 16:9 | Pivot | ✓ |
| Display technology * | LED | Pivot angle | -90 - 90° |
| Panel type * | IPS | Swivel angle range | -180 - 180° |
| Backlight type | W-LED | Tilt adjustment | ✓ |
| Touchscreen * | ✗ | Tilt angle range | -5 - 35° |
| Display brightness (typical) | 350 cd/m² | On Screen Display (OSD) | ✓ |
| Response time * | 4 ms | 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 |
| Display surface | Matt | | |
| Anti-glare screen | ✓ | | |
| Screen shape * | Flat | | |
| Aspect ratio | 16:9 | Number of OSD languages | 21 |
| Contrast ratio (typical) * | 1000:1 | Plug and Play | ✓ |
| Contrast ratio (dynamic) | 5000000:1 | LED indicators | Operation, Stand-by |
| Dynamic contrast ratio marketing name | SmartContrast | Power | |
| Maximum refresh rate * | 75 Hz | Energy efficiency class (SDR) * | E |
| Viewing angle, horizontal | 178° | Energy consumption (SDR) per 1000 hours * | 22 kWh |
| Viewing angle, vertical | 178° | Power consumption (typical) * | 20.2 W |
| Display number of colours * | 16.7 million colours | Power consumption (standby) * | 0.3 W |
| Pixel pitch | 0.2331 x 0.2331 mm | Power consumption (PowerSave) | 16.4 W |
| Pixel density | 109 ppi | AC input voltage | 100 - 240 V |
| Horizontal scan range | 30 - 114 kHz | AC input frequency | 50 - 60 Hz |
| Vertical scan range | 48 - 75 Hz | AC adapter output voltage | 19 V |
| Viewable size, horizontal | 59.7 cm | Power supply type | Internal |
| Viewable size, vertical | 33.6 cm | Energy efficiency scale | A to G |
| Digital horizontal frequency | 30 - 114 kHz | European Product Registry for Energy Labelling (EPREL) code | 349924 |
| Digital vertical frequency | 48 - 75 Hz | | |
| Display diagonal (metric) | 68.6 cm | | |

| Display | | Operational conditions | | |
|--|-----------------------|-----------------------------------|--|-------------------------|
| DDC/CI | ✓ | Operating temperature (T-T) | 0 - 40 °C | |
| Haze rate | 25% | Storage temperature (T-T) | -20 - 60 °C | |
| Surface hardness | 3H | Operating relative humidity (H-H) | 20 - 80% | |
| Colour gamut standard | sRGB | Operating altitude | 0 - 3658 m | |
| Colour gamut | 110% | Non-operating altitude | 0 - 12192 m | |
| sRGB coverage (typical) | 107% | Weight & dimensions | | |
| NTSC coverage (typical) | 104% | | Width (with stand) | 613 mm |
| Display sRGB | ✓ | | Depth (with stand) | 225 mm |
| Performance | | | Height (with stand) | 537 mm |
| Component video sync | Separate sync | | Weight (with stand) | 7.26 kg |
| Flicker-free technology | ✓ | Width (without stand) | 613 mm | |
| Low Blue Light technology | ✓ | Depth (without stand) | 54 mm | |
| Multimedia | | Height (without stand) | 366 mm | |
| Number of speakers | 2 | Weight (without stand) | 5.47 kg | |
| RMS rated power | 2 W | Packaging data | | |
| Built-in speaker(s) * | ✓ | Package width | 730 mm | |
| Megapixel (approx.) | 2 MP | Package depth | 193 mm | |
| Built-in microphone | ✓ | Package height | 471 mm | |
| Built-in camera * | ✓ | Package weight | 10.9 kg | |
| Design | | Packaging content | | |
| Product colour * | Black | Stand included | ✓ | |
| Front bezel colour | Black | Cables included | HDMI, DisplayPort, USB Type-C, AC | |
| Feet colour | Black | Manual | ✓ | |
| Ports & interfaces | | Bundled software | SmartControl | |
| Built-in USB hub * | ✓ | Sustainability | | |
| USB hub version | 3.2 Gen 1 (3.1 Gen 1) | Sustainability certificates | ENERGY STAR, TCO | |
| USB upstream port type | USB Type-C | Doesn't contain | Mercury, PVC/BFR | |
| Number of upstream ports | 1 | Other features | | |
| Number of USB Type-C upstream ports quantity | 1 | HBR3 support | ✓ | |
| USB Type-A downstream ports quantity | 4 | USB Power Delivery revision | 3.0 | |
| USB Type-C downstream ports quantity | 1 | Exterior finish type | Textured | |
| USB Type-C DisplayPort Alternate Mode | ✓ | Picture enhancement | SmartImage | |
| USB Power Delivery (USB PD) | ✓ | Recyclable packaging material | 100% | |
| USB Power Delivery up to | 90 W | Regulatory Approvals | cETLus; CB; TUV/GS; TUV Ergo; SEMKO; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003; UKRAINIAN; TUV Eye Comfort certified; CCC; CECP; CEL | |
| HDMI * | ✓ | | Heavy metals free | Hg (mercury), Pb (lead) |
| HDMI ports quantity | 2 | | Light sensor | ✓ |
| HDMI version | 1.4 | EasyRead mode | ✓ | |
| DisplayPorts quantity | 1 | LowBlue mode | ✓ | |
| DisplayPort version | 1.4 | Compliance certificates | RoHS | |
| Audio output | ✓ | Mean time between failures (MTBF) | 70000 h | |
| HDCP | ✓ | Ethernet LAN data rates | 10,100,1000 Mbit/s | |
| HDCP version | 1.4 | Wake-on-LAN | ✓ | |
| DC-in jack | ✓ | Certification | cETLus, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003, UKRAINIAN, TUV Eye Comfort certified, CCC, CECP, CEL | |
| DisplayPort output | ✓ | | | |
| Network | | | | |
| Ethernet LAN | ✓ | Recycling data | | |
| Ergonomics | | Post-consumer recycled plastic | 85% | |
| VESA mounting * | ✓ | Logistics data | | |
| Panel mounting interface | 100 x 100 mm | Harmonized System (HS) code | 85285210 | |
| Cable lock slot * | ✓ | | | |



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