

PHILIPS

## 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:

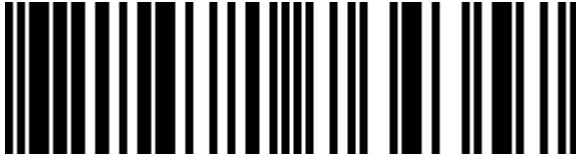
This Philips monitor offers 90W power delivery and a simple laptop docking solution. View QHD images, recharge a laptop and stay connected to Ethernet, all at the same time with a single USB-C cable. Eye comfort with TUV certification to reduce eye fatigue.

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")         | Height adjustment *   | ✓   |
| Display resolution *                  | 2560 x 1440 pixels    | Adjustable height (max)                                     | 15 cm   |
| HD type *                             | Full HD               | Pivot   | ✓   |
| Native aspect ratio *                 | 16:9                  | Pivot angle   | -90 - 90°   |
| Display technology *                  | LED                   | Swivel angle range  | -180 - 180°   |
| Panel type *                          | IPS                   | Tilt adjustment   | ✓   |
| Backlight type                        | W-LED                 | Tilt angle range  | -5 - 35°  |
| Touchscreen *                         | ✗                     | On Screen Display (OSD)                                     | ✓   |
| Display brightness (typical)          | 350 cd/m <sup>2</sup> | 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 |
| Response time *                       | 4 ms                  |   |   |
| Display surface                       | Matt                  |   |   |
| Anti-glare screen                     | ✓                     | Number of OSD languages                                     | 21  |
| Screen shape *                        | Flat                  | Plug and Play   | ✓   |
| Aspect ratio                          | 16:9                  | LED indicators  | Operation, Stand-by   |
| Contrast ratio (typical) *            | 1000:1                | Power   |   |
| Contrast ratio (dynamic)              | 50000000:1            | Energy efficiency class (SDR) *                             | E   |
| Dynamic contrast ratio marketing name | SmartContrast         | Energy consumption (SDR) per 1000 hours *                   | 22 kWh  |
| Maximum refresh rate *                | 75 Hz                 | Power consumption (typical) *                               | 20.2 W  |
| Viewing angle, horizontal             | 178°                  | Power consumption (standby) *                               | 0.3 W   |
| Viewing angle, vertical               | 178°                  | Power consumption (PowerSave)                               | 16.4 W  |
| Display number of colours *           | 16.7 million colours  | AC input voltage  | 100 - 240 V   |
| Pixel pitch                           | 0.2331 x 0.2331 mm    | AC input frequency  | 50 - 60 Hz  |
| Pixel density                         | 109 ppi               | AC adapter output voltage                                   | 19 V  |
| Horizontal scan range                 | 30 - 114 kHz          | Power supply type   | Internal  |
| Vertical scan range                   | 48 - 75 Hz            | Energy efficiency scale                                     | A to G  |
| Viewable size, horizontal             | 59.7 cm               | European Product Registry for Energy Labelling (EPREL) code | 349924  |
| Viewable size, vertical               | 33.6 cm               |   |   |
| Digital horizontal frequency          | 30 - 114 kHz          |   |   |
| Digital vertical frequency            | 48 - 75 Hz            |   |   |
| Display diagonal (metric)             | 68.6 cm               |   |   |

|  |                       |                                   |  |
|--|-----------------------|-----------------------------------|--|
| <b>Display</b>                               |                       | <b>Operational conditions</b>     |  |
| 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%                  | <b>Weight &amp; dimensions</b>    |  |
| NTSC coverage (typical)                      | 104%                  | Width (with stand)                | 613 mm   |
| Display sRGB                                 | ✓                     | Depth (with stand)                | 225 mm   |
| <b>Performance</b>                           |                       | 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  |
| <b>Multimedia</b>                            |                       | Height (without stand)            | 366 mm   |
| Number of speakers                           | 2                     | Weight (without stand)            | 5.47 kg  |
| RMS rated power                              | 2 W                   | <b>Packaging data</b>             |  |
| Built-in speaker(s) *                        | ✓                     | Package width                     | 730 mm   |
| Built-in camera *                            | ✗                     | Package depth                     | 193 mm   |
| <b>Design</b>                                |                       | Package height                    | 471 mm   |
| Product colour *                             | Black                 | Package weight                    | 10.9 kg  |
| Front bezel colour                           | Black                 | <b>Packaging content</b>          |  |
| Feet colour                                  | Black                 | Stand included                    | ✓  |
| <b>Ports &amp; interfaces</b>                |                       | Cables included                   | HDMI, DisplayPort, USB Type-C, AC  |
| Built-in USB hub *                           | ✓                     | Manual                            | ✓  |
| USB hub version                              | 3.2 Gen 1 (3.1 Gen 1) | Bundled software                  | SmartControl   |
| USB upstream port type                       | USB Type-C            | <b>Sustainability</b>             |  |
| Number of upstream ports                     | 1                     | Sustainability certificates       | ENERGY STAR, TCO   |
| Number of USB Type-C upstream ports quantity | 1                     | Doesn't contain                   | Mercury, PVC/BFR   |
| USB Type-A downstream ports quantity         | 4                     | <b>Other features</b>             |  |
| USB Type-C downstream ports quantity         | 1                     | HBR3 support                      | ✓  |
| USB Type-C DisplayPort Alternate Mode        | ✓                     | USB Power Delivery revision       | 3.0  |
| USB Power Delivery (USB PD)                  | ✓                     | Exterior finish type              | Textured   |
| USB Power Delivery up to                     | 90 W                  | Picture enhancement               | SmartImage   |
| HDMI *                                       | ✓                     | Recyclable packaging material     | 100%   |
| HDMI ports quantity                          | 2                     | 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 version                                 | 1.4                   | Heavy metals free                 | Hg (mercury), Pb (lead)  |
| DisplayPorts quantity                        | 1                     | Light sensor                      | ✓  |
| DisplayPort version                          | 1.4                   | EasyRead mode                     | ✓  |
| Audio output                                 | ✓                     | LowBlue mode                      | ✓  |
| HDCP   | ✓                     | Compliance certificates           | RoHS   |
| HDCP version                                 | 1.4                   | Mean time between failures (MTBF) | 70000 h  |
| DC-in jack                                   | ✓                     | Ethernet LAN data rates           | 10,100,1000 Mbit/s   |
| DisplayPort output                           | ✓                     | Wake-on-LAN                       | ✓  |
| <b>Network</b>                               |                       | 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 |
| Ethernet LAN                                 | ✓                     | <b>Recycling data</b>             |  |
| <b>Ergonomics</b>                            |                       | Post-consumer recycled plastic    | 85%  |
| VESA mounting *                              | ✓                     | <b>Logistics data</b>             |  |
| Panel mounting interface                     | 100 x 100 mm          | Harmonized System (HS) code       | 85285210   |
| Cable lock slot *                            | ✓                     |                                   |  |
| Cable lock slot type                         | Kensington            |                                   |  |



8712581764357

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 24-FEB-2025. Prints or copies of Information are only valid on the printed Publication date