

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:

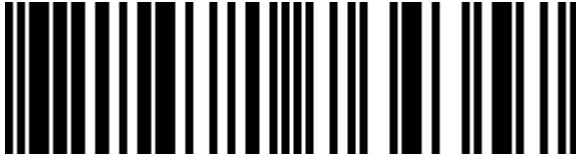
This Philips monitor offers 90W power delivery and a simple laptop docking solution. View QHD images, recharge a laptop and stay connected to Ethernet, all at the same time with a single USB-C cable. Eye comfort with TUV certification to reduce eye fatigue.

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")         | 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/m <sup>2</sup> | 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                  | Number of OSD languages                                     | 21  |
| Anti-glare screen                     | ✓                     | Plug and Play   | ✓   |
| Screen shape *                        | Flat                  | LED indicators  | Operation, Stand-by   |
| Aspect ratio                          | 16:9                  | <b>Power</b>  |   |
| Contrast ratio (typical) *            | 1000:1                | Energy efficiency class (SDR) *                             | E   |
| Contrast ratio (dynamic)              | 50000000:1            | Energy consumption (SDR) per 1000 hours *                   | 22 kWh  |
| Dynamic contrast ratio marketing name | SmartContrast         | Power consumption (typical) *                               | 20.2 W  |
| Maximum refresh rate *                | 75 Hz                 | Power consumption (standby) *                               | 0.3 W   |
| Viewing angle, horizontal             | 178°                  | Power consumption (PowerSave)                               | 16.4 W  |
| Viewing angle, vertical               | 178°                  | AC input voltage  | 100 - 240 V   |
| Display number of colours *           | 16.7 million colours  | AC input frequency  | 50 - 60 Hz  |
| Pixel pitch                           | 0.2331 x 0.2331 mm    | AC adapter output voltage                                   | 19 V  |
| Pixel density                         | 109 ppi               | Power supply type   | Internal  |
| Horizontal scan range                 | 30 - 114 kHz          | Energy efficiency scale                                     | A to G  |
| Vertical scan range                   | 48 - 75 Hz            | European Product Registry for Energy Labelling (EPREL) code | 349924  |
| Viewable size, horizontal             | 59.7 cm               |   |   |
| Viewable size, vertical               | 33.6 cm               |   |   |
| Digital horizontal frequency          | 30 - 114 kHz          |   |   |
| Digital vertical frequency            | 48 - 75 Hz            |   |   |
| Display diagonal (metric)             | 68.6 cm               |   |   |
| DDC/CI                                | ✓                     |   |   |

|  |                       |  |                                   |
|--|-----------------------|--|-----------------------------------|
| <b>Display</b>                               |                       | <b>Operational conditions</b>  |                                   |
| Haze rate                                    | 25%                   | Operating temperature (T-T)  | 0 - 40 °C                         |
| Surface hardness                             | 3H                    | Storage temperature (T-T)  | -20 - 60 °C                       |
| Colour gamut standard                        | sRGB                  | Operating relative humidity (H-H)  | 20 - 80%                          |
| Colour gamut                                 | 110%                  | Operating altitude   | 0 - 3658 m                        |
| sRGB coverage (typical)                      | 107%                  | Non-operating altitude   | 0 - 12192 m                       |
| NTSC coverage (typical)                      | 104%                  | <b>Weight &amp; dimensions</b>   |                                   |
| Display sRGB                                 | ✓                     | Width (with stand)   | 613 mm                            |
| <b>Performance</b>                           |                       | Depth (with stand)   | 225 mm                            |
| Component video sync                         | Separate sync         | Height (with stand)  | 537 mm                            |
| Flicker-free technology                      | ✓                     | Weight (with stand)  | 7.26 kg                           |
| Low Blue Light technology                    | ✓                     | Width (without stand)  | 613 mm                            |
| <b>Multimedia</b>                            |                       | Depth (without stand)  | 54 mm                             |
| Number of speakers                           | 2                     | Height (without stand)   | 366 mm                            |
| RMS rated power                              | 2 W                   | Weight (without stand)   | 5.47 kg                           |
| Built-in speaker(s) *                        | ✓                     | <b>Packaging data</b>  |                                   |
| Megapixel (approx.)                          | 2 MP                  | Package width  | 730 mm                            |
| Built-in microphone                          | ✓                     | Package depth  | 193 mm                            |
| Built-in camera *                            | ✓                     | Package height   | 471 mm                            |
| <b>Design</b>                                |                       | Package weight   | 10.9 kg                           |
| Product colour *                             | Black                 | <b>Packaging content</b>   |                                   |
| Front bezel colour                           | Black                 | Stand included   | ✓                                 |
| Feet colour                                  | Black                 | Cables included  | HDMI, DisplayPort, USB Type-C, AC |
| <b>Ports &amp; interfaces</b>                |                       | Manual   | ✓                                 |
| Built-in USB hub *                           | ✓                     | Bundled software   | SmartControl                      |
| USB hub version                              | 3.2 Gen 1 (3.1 Gen 1) | <b>Sustainability</b>  |                                   |
| USB upstream port type                       | USB Type-C            | Sustainability certificates  | ENERGY STAR, TCO                  |
| Number of upstream ports                     | 1                     | Doesn't contain  | Mercury, PVC/BFR                  |
| Number of USB Type-C upstream ports quantity | 1                     | <b>Other features</b>  |                                   |
| USB Type-A downstream ports quantity         | 4                     | HBR3 support   | ✓                                 |
| USB Type-C downstream ports quantity         | 1                     | USB Power Delivery revision  | 3.0                               |
| USB Type-C DisplayPort Alternate Mode        | ✓                     | Exterior finish type   | Textured                          |
| USB Power Delivery                           | ✓                     | Picture enhancement  | SmartImage                        |
| USB Power Delivery up to                     | 90 W                  | Recyclable packaging material  | 100%                              |
| HDMI *                                       | ✓                     | Regulatory Approvals   |                                   |
| HDMI ports quantity                          | 2                     | 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>                               |                       | 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                                 | ✓                     | Certification  |                                   |
| <b>Ergonomics</b>                            |                       | <b>Recycling data</b>  |                                   |
| VESA mounting *                              | ✓                     | Post-consumer recycled plastic   | 85%                               |
| Panel mounting interface                     | 100 x 100 mm          | <b>Logistics data</b>  |                                   |
| Cable lock slot *                            | ✓                     | Harmonized System (HS) code  | 85285210                          |



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