

## Philips B Line 272B1G/00 computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LED Black

**Brand :** Philips

**Product family:** B Line

**Product code:** 272B1G/00

**Product name :** 272B1G/00

Business Monitor 272B1G LCD monitor with super energy efficiency

Philips B Line 272B1G/00 computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LED Black:

The eco-friendly Philips 27" monitor is designed for sustainable productivity. Super-energy-efficient design delivers a new level of power savings. PowerSensor and LightSensor further reduce energy use while delivering crisp visuals.

Philips B Line 272B1G/00. Display diagonal: 68.6 cm (27"), Display resolution: 1920 x 1080 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: 2.0 / 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



| Display                               |                                                               | Ports & interfaces                |                                                                                                                                                                                                         |
|---------------------------------------|---------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display diagonal *                    | 68.6 cm (27")                                                 | HDCP version                      | 1.4                                                                                                                                                                                                     |
| Display resolution *                  | 1920 x 1080 pixels                                            | DC-in jack                        | ✓                                                                                                                                                                                                       |
| HD type *                             | Full HD                                                       | <b>Ergonomics</b>                 |                                                                                                                                                                                                         |
| Native aspect ratio *                 | 16:9                                                          | VESA mounting *                   | ✓                                                                                                                                                                                                       |
| Display technology *                  | LED                                                           | Panel mounting interface          | 100 x 100 mm                                                                                                                                                                                            |
| Panel type *                          | IPS                                                           | Cable lock slot *                 | ✓                                                                                                                                                                                                       |
| Backlight type                        | W-LED                                                         | Cable lock slot type              | Kensington                                                                                                                                                                                              |
| Touchscreen *                         | ✗                                                             | Height adjustment *               | ✓                                                                                                                                                                                                       |
| Display brightness (typical)          | 250 cd/m²                                                     | Adjustable height (max)           | 15 cm                                                                                                                                                                                                   |
| Response time *                       | 4 ms                                                          | Pivot                             | ✓                                                                                                                                                                                                       |
| Display surface                       | Matt                                                          | Pivot angle                       | -90 - 90°                                                                                                                                                                                               |
| Anti-glare screen                     | ✓                                                             | Swivelling                        | ✓                                                                                                                                                                                                       |
| Screen shape *                        | Flat                                                          | Swivel angle range                | -180 - 180°                                                                                                                                                                                             |
| Supported graphics resolutions        | 1280 x 720 (HD 720), 1360 x 768 (WXGA), 1920 x 1080 (HD 1080) | Tilt adjustment                   | ✓                                                                                                                                                                                                       |
| Supported video modes                 | 720p, 768p, 1080p                                             | Tilt angle range                  | -5 - 35°                                                                                                                                                                                                |
| Aspect ratio                          | 16:9                                                          | On Screen Display (OSD)           | ✓                                                                                                                                                                                                       |
| Contrast ratio (typical) *            | 1000:1                                                        | 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 |
| Contrast ratio (dynamic)              | 50000000:1                                                    |                                   |                                                                                                                                                                                                         |
| Dynamic contrast ratio marketing name | SmartContrast                                                 |                                   |                                                                                                                                                                                                         |
| Maximum refresh rate *                | 75 Hz                                                         | Number of OSD languages           | 21                                                                                                                                                                                                      |
| Viewing angle, horizontal             | 178°                                                          | Plug and Play                     | ✓                                                                                                                                                                                                       |
| Viewing angle, vertical               | 178°                                                          | LED indicators                    | Operation, Stand-by                                                                                                                                                                                     |
| Display number of colours *           | 16.7 million colours                                          | <b>Power</b>                      |                                                                                                                                                                                                         |
| Pixel pitch                           | 0.3114 x 0.3114 mm                                            | Energy efficiency class (SDR) *   | C                                                                                                                                                                                                       |
| Pixel density                         | 82 ppi                                                        |                                   |                                                                                                                                                                                                         |
| Horizontal scan range                 | 30 - 85 kHz                                                   |                                   |                                                                                                                                                                                                         |
| Vertical scan range                   | 48 - 75 Hz                                                    |                                   |                                                                                                                                                                                                         |

| Display                              |                                    | Power                                     |                                                                                                                      |
|--------------------------------------|------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Viewable size, horizontal            | 59.8 cm                            | Energy consumption (SDR) per 1000 hours * | 14 kWh                                                                                                               |
| Viewable size, vertical              | 33.6 cm                            | Power consumption (typical) *             | 13.1 W                                                                                                               |
| Digital horizontal frequency         | 30 - 85 kHz                        | Power consumption (standby) *             | 0.35 W                                                                                                               |
| Digital vertical frequency           | 48 - 75 Hz                         | Power consumption (PowerSave)             | 9.2 W                                                                                                                |
| Sync-on-green (SOG)                  | ✓                                  | AC input voltage                          | 100 - 240 V                                                                                                          |
| Display diagonal (metric)            | 68.6 cm                            | AC input frequency                        | 50 - 60 Hz                                                                                                           |
| DDC/CI                               | ✓                                  | Power supply type                         | Internal                                                                                                             |
| Haze rate                            | 25%                                | Energy efficiency scale                   | A to G                                                                                                               |
| Surface hardness                     | 3H                                 | Operational conditions                    |                                                                                                                      |
| Colour gamut standard                | sRGB                               | Operating temperature (T-T)               | 0 - 40 °C                                                                                                            |
| Colour gamut                         | 76%                                | Storage temperature (T-T)                 | -20 - 60 °C                                                                                                          |
| sRGB coverage (typical)              | 102%                               | Operating relative humidity (H-H)         | 20 - 80%                                                                                                             |
| NTSC coverage (typical)              | 88%                                | Storage relative humidity (H-H)           | 20 - 80%                                                                                                             |
| Adobe RGB coverage                   | 83%                                | Operating altitude                        | 0 - 3658 m                                                                                                           |
| DCI-P3 coverage                      | 80%                                | Non-operating altitude                    | 0 - 12192 m                                                                                                          |
| Display sRGB                         | ✓                                  | Weight & dimensions                       |                                                                                                                      |
| Performance                          |                                    | Width (with stand)                        | 613 mm                                                                                                               |
| NVIDIA G-SYNC *                      | ✗                                  | Depth (with stand)                        | 205 mm                                                                                                               |
| AMD FreeSync *                       | ✗                                  | Height (with stand)                       | 537 mm                                                                                                               |
| VESA Adaptive Sync support           | ✓                                  | Weight (with stand)                       | 6 kg                                                                                                                 |
| Component video sync                 | Separate Sync, Sync-on-green (SOG) | Width (without stand)                     | 613 mm                                                                                                               |
| Flicker-free technology              | ✓                                  | Depth (without stand)                     | 51 mm                                                                                                                |
| Low Blue Light technology            | ✓                                  | Height (without stand)                    | 366 mm                                                                                                               |
| Multimedia                           |                                    | Weight (without stand)                    | 4.4 kg                                                                                                               |
| Number of speakers                   | 2                                  | Packaging data                            |                                                                                                                      |
| RMS rated power                      | 2 W                                | Package width                             | 700 mm                                                                                                               |
| Built-in speaker(s) *                | ✓                                  | Package depth                             | 215 mm                                                                                                               |
| Built-in camera *                    | ✗                                  | Package height                            | 456 mm                                                                                                               |
| Design                               |                                    | Package weight                            | 9.63 kg                                                                                                              |
| Market positioning *                 | Business                           | Package type                              | Box                                                                                                                  |
| Product colour *                     | Black                              | Packaging content                         |                                                                                                                      |
| Frameless design                     | ✓                                  | Stand included                            | ✓                                                                                                                    |
| Front bezel colour                   | Black                              | Cables included                           | VGA, HDMI, DisplayPort, Audio (3.5mm), AC                                                                            |
| Detachable stand                     | ✓                                  | Manual                                    | ✓                                                                                                                    |
| Feet colour                          | Black                              | Bundled software                          | SmartControl                                                                                                         |
| Ports & interfaces                   |                                    | Sustainability                            |                                                                                                                      |
| Built-in USB hub *                   | ✓                                  | Sustainability certificates               | ENERGY STAR, TCO                                                                                                     |
| USB hub version                      | 2.0 / 3.2 Gen 1 (3.1 Gen 1)        | Doesn't contain                           | Mercury, PVC/BFR                                                                                                     |
| USB upstream port type               | USB Type-B                         | Other features                            |                                                                                                                      |
| Number of upstream ports             | 1                                  | Exterior finish type                      | Textured                                                                                                             |
| USB Type-A downstream ports quantity | 4                                  | Picture enhancement                       | SmartImage                                                                                                           |
| VGA (D-Sub) ports quantity           | 1                                  | Regulatory Approvals                      | CB; FCC Class B; ICES-003; CE Mark; TUV Ergo; TUV/GS; SEMKO; CU-EAC; EAEU RoHS; UKRAINIAN; TUV Eye Comfort certified |
| DVI port                             | ✓                                  |                                           |                                                                                                                      |
| DVI-D ports quantity                 | 1                                  |                                           |                                                                                                                      |
| HDMI *                               | ✓                                  | Light sensor                              | ✓                                                                                                                    |
| HDMI ports quantity                  | 1                                  | EasyRead mode                             | ✓                                                                                                                    |
| HDMI version                         | 1.4                                | LowBlue mode                              | ✓                                                                                                                    |
| DisplayPorts quantity                | 1                                  | Compliance certificates                   | RoHS                                                                                                                 |
| DisplayPort version                  | 1.2                                | Mean time between failures (MTBF)         | 70000 h                                                                                                              |
| Audio input                          | ✓                                  | Certification                             | CB, FCC Class B, ICES-003, CE Mark, TUV Ergo, TUV/GS, SEMKO, CU-EAC, EAEU RoHS, UKRAINIAN, TUV Eye Comfort certified |
| Headphone out *                      | ✓                                  |                                           |                                                                                                                      |
| Headphone outputs                    | 1                                  |                                           |                                                                                                                      |
| Headphone connectivity               | 3.5 mm                             | Recycling data                            |                                                                                                                      |
| PC Audio in                          | ✓                                  | Recyclable packaging material             | 100%                                                                                                                 |

| Ports & interfaces |   | Recycling data                 |          |
|--------------------|---|--------------------------------|----------|
| HDCP               | ✓ | Post-consumer recycled plastic | 85%      |
|                    |   | Logistics data                 |          |
|                    |   | Harmonized System (HS) code    | 85285210 |



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### Catalog Object Cloud



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