

## Philips 3000 series 27B2U3601/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black



**Brand :** Philips

**Product family:** 3000 series

**Product code:** 27B2U3601/00

**Product name :** 27B2U3601/00

Business Monitor 27B2U3601 LCD monitor with USB-C

Philips 3000 series 27B2U3601/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

Speed through daily tasks in comfort with this monitor's SoftBlue technology, Quad HD resolution, and 120Hz refresh rate. Not to mention, SmartErgoBase adds an ergonomic touch to the monitor's feature list.

Philips 3000 series 27B2U3601/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, 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")        | 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                  | Adjustable height (max)                   | 15 cm                                                                                                                                                                                                   |
| Panel type *                   | IPS                  | Pivot                                     | ✓                                                                                                                                                                                                       |
| LED backlight                  | ✓                    | Pivot angle                               | -90 - 90°                                                                                                                                                                                               |
| Backlight type                 | W-LED                | Swivelling                                | ✓                                                                                                                                                                                                       |
| Touchscreen *                  | ✗                    | Swivel angle range                        | -180 - 180°                                                                                                                                                                                             |
| Display brightness (typical)   | 350 cd/m²            | Tilt adjustment                           | ✓                                                                                                                                                                                                       |
| Response time *                | 4 ms                 | Tilt angle range                          | -5 - 30°                                                                                                                                                                                                |
| Response time measurement type | GTG (Gray to Gray)   | On Screen Display (OSD)                   | ✓                                                                                                                                                                                                       |
| Anti-glare screen              | ✓                    | On Screen Display (OSD) languages         | Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian |
| Screen shape *                 | Flat                 |                                           |                                                                                                                                                                                                         |
| Contrast ratio (typical) *     | 1500:1               |                                           |                                                                                                                                                                                                         |
| Contrast ratio (dynamic)       | 50000000:1           |                                           |                                                                                                                                                                                                         |
| Maximum refresh rate *         | 120 Hz               | Plug and Play                             | ✗                                                                                                                                                                                                       |
| Viewing angle, horizontal      | 178°                 | LED indicators                            | Operation, Stand-by                                                                                                                                                                                     |
| Viewing angle, vertical        | 178°                 | Power                                     |                                                                                                                                                                                                         |
| Display number of colours *    | 16.7 million colours | Energy efficiency class (SDR) *           | D                                                                                                                                                                                                       |
| Pixel pitch                    | 0.2331 x 0.2331 mm   | Energy efficiency class (HDR) *           | Not available                                                                                                                                                                                           |
| Pixel density                  | 109 ppi              | Energy consumption (SDR) per 1000 hours * | 16 kWh                                                                                                                                                                                                  |
| Horizontal scan range          | 30 - 230 kHz         | Power consumption (typical) *             | 23.43 W                                                                                                                                                                                                 |
| Vertical scan range            | 48 - 120 Hz          | Power consumption (standby) *             | 0.35 W                                                                                                                                                                                                  |
| Viewable size, horizontal      | 59.7 cm              | Power consumption (off)                   | 0.3 W                                                                                                                                                                                                   |
| Viewable size, vertical        | 33.6 cm              |                                           |                                                                                                                                                                                                         |
| Digital horizontal frequency   | 30 - 230 kHz         |                                           |                                                                                                                                                                                                         |
| Digital vertical frequency     | 48 - 120 Hz          |                                           |                                                                                                                                                                                                         |
| Display diagonal (metric)      | 68.5 cm              |                                           |                                                                                                                                                                                                         |

| Display                                      |                                    | Power                                  |                                                                                                                                                                                           |
|----------------------------------------------|------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DDC/CI                                       | ✓                                  | Power consumption (PowerSave)          | 13.8 W                                                                                                                                                                                    |
| Haze rate                                    | 25%                                | AC input voltage                       | 100 - 240 V                                                                                                                                                                               |
| Surface hardness                             | 3H                                 | AC input frequency                     | 50/60 Hz                                                                                                                                                                                  |
| Colour gamut standard                        | sRGB, NTSC                         | Power supply type                      | Internal                                                                                                                                                                                  |
| sRGB coverage (typical)                      | 125%                               | Energy efficiency scale                | A to G                                                                                                                                                                                    |
| NTSC coverage (typical)                      | 114%                               | Operational conditions                 |                                                                                                                                                                                           |
| Display sRGB                                 | ✓                                  | Operating temperature (T-T)            | 0 - 40 °C                                                                                                                                                                                 |
| Display panel size                           | 27 inch / 68.5 cm                  | Storage temperature (T-T)              | -20 - 60 °C                                                                                                                                                                               |
| Performance                                  |                                    | Operating relative humidity (H-H)      | 20 - 80%                                                                                                                                                                                  |
| NVIDIA G-SYNC *                              | ✗                                  | Operating altitude                     | 0 - 3658 m                                                                                                                                                                                |
| AMD FreeSync *                               | ✗                                  | Non-operating altitude                 | 0 - 12192 m                                                                                                                                                                               |
| VESA Adaptive Sync support                   | ✓                                  | Weight & dimensions                    |                                                                                                                                                                                           |
| Component video sync                         | Separate Sync, Sync-on-green (SOG) | Width (with stand)                     | 615 mm                                                                                                                                                                                    |
| Flicker-free technology                      | ✓                                  | Depth (with stand)                     | 229 mm                                                                                                                                                                                    |
| Low Blue Light technology                    | ✓                                  | Height (with stand)                    | 540 mm                                                                                                                                                                                    |
| Multimedia                                   |                                    | Weight (with stand)                    | 6.44 kg                                                                                                                                                                                   |
| Number of speakers                           | 2                                  | Width (without stand)                  | 615 mm                                                                                                                                                                                    |
| RMS rated power                              | 4 W                                | Depth (without stand)                  | 46 mm                                                                                                                                                                                     |
| Built-in speaker(s) *                        | ✓                                  | Height (without stand)                 | 361 mm                                                                                                                                                                                    |
| Built-in camera *                            | ✗                                  | Weight (without stand)                 | 4.77 kg                                                                                                                                                                                   |
| Design                                       |                                    | Packaging data                         |                                                                                                                                                                                           |
| Market positioning *                         | Office                             | Package width                          | 730 mm                                                                                                                                                                                    |
| Product colour *                             | Black                              | Package depth                          | 139 mm                                                                                                                                                                                    |
| Front bezel colour                           | Black                              | Package height                         | 445 mm                                                                                                                                                                                    |
| Feet colour                                  | Black                              | Package weight                         | 9.17 kg                                                                                                                                                                                   |
| Ports & interfaces                           |                                    | Packaging content                      |                                                                                                                                                                                           |
| Built-in USB hub *                           | ✓                                  | Stand included                         | ✓                                                                                                                                                                                         |
| USB hub version                              | 3.2 Gen 1 (3.1 Gen 1)              | Cables included                        | DisplayPort, HDMI, Power, USB Type-C to USB Type-C                                                                                                                                        |
| Number of USB Type-C upstream ports quantity | 1                                  | Manual                                 | ✓                                                                                                                                                                                         |
| USB Type-A downstream ports quantity         | 4                                  | Bundled software                       | SmartControl                                                                                                                                                                              |
| USB Type-C DisplayPort Alternate Mode        | ✓                                  | Sustainability                         |                                                                                                                                                                                           |
| USB Power Delivery (USB PD)                  | ✓                                  | Sustainability certificates            | ENERGY STAR, EPEAT, TCO                                                                                                                                                                   |
| USB Power Delivery up to                     | 90 W                               | Doesn't contain                        | PVC/BFR                                                                                                                                                                                   |
| HDMI *                                       | ✓                                  | Other features                         |                                                                                                                                                                                           |
| HDMI ports quantity                          | 1                                  | HBR3 support                           | ✓                                                                                                                                                                                         |
| HDMI version                                 | 2.0                                | Compatible operating systems           | DDC/CI, Mac OS, sRGB, Windows 11 / 10                                                                                                                                                     |
| DisplayPorts quantity                        | 1                                  | Exterior finish type                   | Textured                                                                                                                                                                                  |
| DisplayPort out quantity                     | 1                                  | Monitor sync input signal              | Separate Sync, Sync on Green                                                                                                                                                              |
| DisplayPort out version                      | 1.4                                | User controls                          | SmartImage, Input, Brightness, Menu, Power On/Off                                                                                                                                         |
| Audio output                                 | ✓                                  | Picture enhancement                    | SmartImage                                                                                                                                                                                |
| HDCP                                         | ✓                                  | Regulatory Approvals                   | CB; CE Mark; TUV/GS; TUV Ergo; TCO Certified; TCO Certified Edge; EAC; EAC ROHS; MEPS; UKCA; EMF; FCC; ICES-003; TÜV Rheinland Low Blue Light (Hardware Solution); eyesafe® CERTIFIED 2.0 |
| HDCP version                                 | 2.2                                |                                        |                                                                                                                                                                                           |
| Network                                      |                                    |                                        |                                                                                                                                                                                           |
| Ethernet LAN                                 | ✓                                  | SoftBlue                               | ✓                                                                                                                                                                                         |
| Ergonomics                                   |                                    | EasyRead mode                          | ✓                                                                                                                                                                                         |
| VESA mounting *                              | ✓                                  | Compliance certificates                | CB, CE, EAC, EMF, Federal Communications Commission (FCC), ICES, Minimum Energy Performance Standards (MEPS), RoHS, TÜV mark, UKCA                                                        |
| Recycling data                               |                                    |                                        |                                                                                                                                                                                           |
|                                              |                                    | Packaging recyclability rate           | 100%                                                                                                                                                                                      |
|                                              |                                    | Product post-consumer recycled plastic | 85%                                                                                                                                                                                       |

**Logistics data**

|                                                |       |
|------------------------------------------------|-------|
| Export Control Classification<br>Number (ECCN) | EAR99 |
|------------------------------------------------|-------|



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### Catalog Object Cloud



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