

## Philips 4000 series 27B2N4500/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Grey

**Brand :** Philips

**Product family:** 4000 series

**Product code:** 27B2N4500/00

**Product name :** 27B2N4500/00

Business Monitor 27B2N4500 LCD monitor

Philips 4000 series 27B2N4500/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Grey:

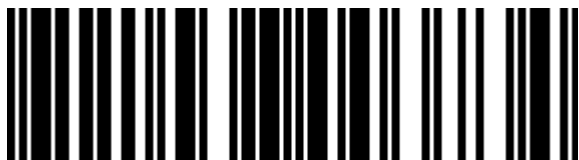
Speed through daily tasks in comfort with this monitor's SoftBlue technology, Quad HD resolution, and 120Hz refresh rate. Not to mention, SmartErgoBase adds an ergonomic touch to the monitor's feature list.

Philips 4000 series 27B2N4500/00. 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: Grey



| Display                        |                      | Ports & interfaces                        |               |
|--------------------------------|----------------------|-------------------------------------------|---------------|
| Display diagonal *             | 68.6 cm (27")        | HDCP                                      | ✓             |
| Display resolution *           | 2560 x 1440 pixels   | HDCP version                              | 1.4/2.2       |
| HD type *                      | Quad HD              | <b>Ergonomics</b>                         |               |
| Native aspect ratio *          | 16:9                 | VESA mounting *                           | ✓             |
| Display technology *           | LCD                  | Panel mounting interface                  | 100 x 100 mm  |
| Panel type *                   | IPS                  | Cable lock slot *                         | ✓             |
| LED backlight                  | ✓                    | Cable lock slot type                      | Kensington    |
| Backlight type                 | W-LED                | Height adjustment *                       | ✓             |
| Touchscreen *                  | ✗                    | Adjustable height (max)                   | 15 cm         |
| Display brightness (typical)   | 350 cd/m²            | Pivot                                     | ✓             |
| Response time *                | 4 ms                 | Pivot angle                               | -90 - 90°     |
| Response time measurement type | GTG (Gray to Gray)   | Swivelling                                | ✓             |
| Anti-glare screen              | ✓                    | Swivel angle range                        | -180 - 180°   |
| Screen shape *                 | Flat                 | Tilt adjustment                           | ✓             |
| Supported graphics resolutions | 2560 x 1440          | Tilt angle range                          | -5 - 30°      |
| Supported video modes          | 1440p                | On Screen Display (OSD)                   | ✓             |
| Contrast ratio (typical) *     | 1500:1               | Number of OSD languages                   | 21            |
| Contrast ratio (dynamic)       | 50000000:1           | Plug and Play                             | ✓             |
| Maximum refresh rate *         | 120 Hz               | LED indicators                            | ✓             |
| Viewing angle, horizontal      | 178°                 | <b>Power</b>                              |               |
| Viewing angle, vertical        | 178°                 | Energy efficiency class (SDR) *           | C             |
| Display number of colours *    | 16.7 million colours | Energy efficiency class (HDR) *           | Not available |
| Pixel pitch                    | 0.2331 x 0.2331 mm   | Energy consumption (SDR) per 1000 hours * | 13 kWh        |
| Pixel density                  | 109 ppi              | Power consumption (typical) *             | 14.94 W       |
| Horizontal scan range          | 30 - 190 kHz         | Power consumption (standby) *             | 0.5 W         |
| Vertical scan range            | 48 - 120 Hz          | Power consumption (off)                   | 0.3 W         |
| Viewable size, horizontal      | 59.7 cm              |                                           |               |
| Viewable size, vertical        | 33.6 cm              |                                           |               |
| Display diagonal (metric)      | 68.5 cm              |                                           |               |

| Display                                      |                       | Power                             |                               |
|----------------------------------------------|-----------------------|-----------------------------------|-------------------------------|
| Haze rate                                    | 25%                   | Power consumption (PowerSave)     | 12.7 W                        |
| Surface hardness                             | 3H                    | AC input voltage                  | 100 - 240 V                   |
| sRGB coverage (typical)                      | 125%                  | AC input frequency                | 50/60 Hz                      |
| NTSC coverage (typical)                      | 114%                  | Power supply type                 | Internal                      |
| Performance                                  |                       | Energy efficiency scale           | A to G                        |
| NVIDIA G-SYNC *                              | ✗                     | Operational conditions            |                               |
| AMD FreeSync *                               | ✗                     | Operating temperature (T-T)       | 0 - 40 °C                     |
| Flicker-free technology                      | ✓                     | Storage temperature (T-T)         | -20 - 60 °C                   |
| Low Blue Light technology                    | ✓                     | Operating relative humidity (H-H) | 20 - 80%                      |
| Multimedia                                   |                       | Operating altitude                | 0 - 3658 m                    |
| Number of speakers                           | 2                     | Non-operating altitude            | 0 - 12192 m                   |
| RMS rated power                              | 4 W                   | Weight & dimensions               |                               |
| Built-in speaker(s) *                        | ✓                     | Width (with stand)                | 614 mm                        |
| Built-in camera *                            | ✗                     | Depth (with stand)                | 231 mm                        |
| Design                                       |                       | Height (with stand)               | 436 mm                        |
| Market positioning *                         | Business              | Weight (with stand)               | 6.79 kg                       |
| Product colour *                             | Grey                  | Width (without stand)             | 614 mm                        |
| Feet colour                                  | Silver                | Depth (without stand)             | 59 mm                         |
| Ports & interfaces                           |                       | Height (without stand)            | 371 mm                        |
| Built-in USB hub *                           | ✓                     | Weight (without stand)            | 5.05 kg                       |
| USB hub version                              | 3.2 Gen 1 (3.1 Gen 1) | Packaging data                    |                               |
| Number of USB Type-B upstream ports quantity | 1                     | Package width                     | 730 mm                        |
| USB Type-A downstream ports quantity         | 3                     | Package depth                     | 139 mm                        |
| USB Type-C downstream ports quantity         | 1                     | Package height                    | 445 mm                        |
| HDMI *                                       | ✓                     | Package weight                    | 9.45 kg                       |
| HDMI ports quantity                          | 2                     | Packaging content                 |                               |
| HDMI version                                 | 2.0                   | Stand included                    | ✓                             |
| DisplayPorts quantity                        | 1                     | Cables included                   | DisplayPort, HDMI, Power, USB |
| DisplayPort version                          | 1.2                   | Manual                            | ✓                             |
| Audio output                                 | ✓                     | Sustainability                    |                               |
|                                              |                       | Sustainability certificates       | ENERGY STAR, EPEAT            |
|                                              |                       | Doesn't contain                   | PVC/BFR                       |
|                                              |                       | Other features                    |                               |
|                                              |                       | Compliance certificates           | CB                            |



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### Catalog Object Cloud



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