

## Philips B Line 240B9/00 computer monitor 61.2 cm (24.1") 1920 x 1200 pixels WUXGA LED Black

**Brand :** Philips

**Product family:** B Line

**Product code:** 240B9/00

**Product name :** 240B9/00

240B9 LCD monitor with PowerSensor

Philips B Line 240B9/00 computer monitor 61.2 cm (24.1") 1920 x 1200 pixels WUXGA LED Black:

Expand beyond boundaries with this 16:10 frameless design Philips B Line monitor. Loaded with features to improve productivity and sustainability, this monitor takes it to the next level.

Philips B Line 240B9/00. Display diagonal: 61.2 cm (24.1"), Display resolution: 1920 x 1200 pixels, HD type: WUXGA, Display technology: LED, Display surface: Matt, Response time: 4 ms, Native aspect ratio: 16:10, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub. VESA mounting, Height adjustment. Product colour: Black



| Display                               |                      | Ergonomics                                |                                                                                                                                                                                                         |
|---------------------------------------|----------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display diagonal *                    | 61.2 cm (24.1")      | Adjustable height (max)                   | 15 cm                                                                                                                                                                                                   |
| Display resolution *                  | 1920 x 1200 pixels   | Pivot                                     | ✓                                                                                                                                                                                                       |
| HD type *                             | WUXGA                | Pivot angle                               | -90 - 90°                                                                                                                                                                                               |
| Native aspect ratio *                 | 16:10                | Swivelling                                | ✓                                                                                                                                                                                                       |
| Display technology *                  | LED                  | Swivel angle range                        | -175 - 175°                                                                                                                                                                                             |
| Panel type *                          | IPS                  | Tilt adjustment                           | ✓                                                                                                                                                                                                       |
| Backlight type                        | W-LED                | Tilt angle range                          | -5 - 30°                                                                                                                                                                                                |
| Touchscreen *                         | ✗                    | On Screen Display (OSD)                   | ✓                                                                                                                                                                                                       |
| Display brightness (typical)          | 300 cd/m²            | 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                 | Number of OSD languages                   | 21                                                                                                                                                                                                      |
| Anti-glare screen                     | ✓                    | Plug and Play                             | ✓                                                                                                                                                                                                       |
| Screen shape *                        | Flat                 | LED indicators                            | Stand-by                                                                                                                                                                                                |
| Aspect ratio                          | 16:10                | Power                                     |                                                                                                                                                                                                         |
| Contrast ratio (typical) *            | 1000:1               | Energy efficiency class (SDR) *           | D                                                                                                                                                                                                       |
| Contrast ratio (dynamic)              | 50000000:1           | Energy consumption (SDR) per 1000 hours * | 15 kWh                                                                                                                                                                                                  |
| Dynamic contrast ratio marketing name | SmartContrast        | Power consumption (typical) *             | 12.3 W                                                                                                                                                                                                  |
| Maximum refresh rate *                | 75 Hz                | Power consumption (standby) *             | 0.3 W                                                                                                                                                                                                   |
| Viewing angle, horizontal             | 178°                 | Power consumption (off)                   | 0 W                                                                                                                                                                                                     |
| Viewing angle, vertical               | 178°                 | Power consumption (PowerSave)             | 10 W                                                                                                                                                                                                    |
| Display number of colours *           | 16.7 million colours | AC input voltage                          | 100 - 240 V                                                                                                                                                                                             |
| Pixel pitch                           | 0.27 x 0.27 mm       | AC input frequency                        | 50 - 60 Hz                                                                                                                                                                                              |
| Pixel density                         | 93.95 ppi            | Power supply type                         | Internal                                                                                                                                                                                                |
| Horizontal scan range                 | 30 - 96 kHz          | Operational conditions                    |                                                                                                                                                                                                         |
| Vertical scan range                   | 48 - 75 Hz           | Operating temperature (T-T)               | 0 - 40 °C                                                                                                                                                                                               |
| Viewable size, horizontal             | 51.8 cm              | Storage temperature (T-T)                 | -20 - 60 °C                                                                                                                                                                                             |
| Viewable size, vertical               | 32.4 cm              |                                           |                                                                                                                                                                                                         |
| Digital horizontal frequency          | 30 - 96 kHz          |                                           |                                                                                                                                                                                                         |
| Digital vertical frequency            | 48 - 75 Hz           |                                           |                                                                                                                                                                                                         |
| Display diagonal (metric)             | 61.1 cm              |                                           |                                                                                                                                                                                                         |

| Display                              |                                    | Operational conditions            |                                                                                                |
|--------------------------------------|------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------|
| DDC/CI                               | ✓                                  | Operating relative humidity (H-H) | 20 - 80%                                                                                       |
| Haze rate                            | 25%                                | Operating altitude                | 0 - 3658 m                                                                                     |
| Surface hardness                     | 3H                                 | Non-operating altitude            | 0 - 12192 m                                                                                    |
| sRGB coverage (typical)              | 109%                               | Weight & dimensions               |                                                                                                |
| NTSC coverage (typical)              | 93%                                | Width (with stand)                | 533 mm                                                                                         |
| Display sRGB                         | ✓                                  | Depth (with stand)                | 216 mm                                                                                         |
| Performance                          |                                    | Height (with stand)               | 545 mm                                                                                         |
| NVIDIA G-SYNC *                      | ✗                                  | Weight (with stand)               | 5.71 kg                                                                                        |
| AMD FreeSync *                       | ✗                                  | Width (without stand)             | 533 mm                                                                                         |
| Component video sync                 | Separate Sync, Sync-on-green (SOG) | Depth (without stand)             | 60 mm                                                                                          |
| Flicker-free technology              | ✓                                  | Height (without stand)            | 360 mm                                                                                         |
| Low Blue Light technology            | ✓                                  | Weight (without stand)            | 4.1 kg                                                                                         |
| Multimedia                           |                                    | Packaging data                    |                                                                                                |
| Number of speakers                   | 2                                  | Package width                     | 600 mm                                                                                         |
| RMS rated power                      | 4 W                                | Package depth                     | 141 mm                                                                                         |
| Built-in speaker(s) *                | ✓                                  | Package height                    | 526 mm                                                                                         |
| Built-in camera *                    | ✗                                  | Package weight                    | 8.35 kg                                                                                        |
| Design                               |                                    | Package type                      | Box                                                                                            |
| Market positioning *                 | Home                               | Packaging content                 |                                                                                                |
| Product colour *                     | Black                              | Stand included                    | ✓                                                                                              |
| Front bezel colour                   | Black                              | Cables included                   | VGA, HDMI, DisplayPort, AC                                                                     |
| Feet colour                          | Black                              | Manual                            | ✓                                                                                              |
| Ports & interfaces                   |                                    | Bundled software                  | SmartControl                                                                                   |
| Built-in USB hub *                   | ✓                                  | Sustainability                    |                                                                                                |
| Number of upstream ports             | 1                                  | Sustainability certificates       | ENERGY STAR, TCO                                                                               |
| USB Type-A downstream ports quantity | 4                                  | Doesn't contain                   | PVC/BFR, Mercury                                                                               |
| VGA (D-Sub) ports quantity           | 1                                  | Other features                    |                                                                                                |
| DVI port                             | ✓                                  | Exterior finish type              | Textured                                                                                       |
| DVI-D ports quantity                 | 1                                  | Picture enhancement               | SmartImage                                                                                     |
| HDMI *                               | ✓                                  | Regulatory Approvals              | UKRAINIAN; EPA; CB; TUV/GS; TUV Ergo; SEMKO; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003 |
| HDMI ports quantity                  | 1                                  | Heavy metals free                 | Hg (mercury)                                                                                   |
| HDMI version                         | 1.4                                | EasyRead mode                     | ✓                                                                                              |
| DisplayPorts quantity                | 1                                  | LowBlue mode                      | ✓                                                                                              |
| DisplayPort version                  | 1.2                                | Compliance certificates           | RoHS                                                                                           |
| Headphone out *                      | ✓                                  | Mean time between failures (MTBF) | 70000 h                                                                                        |
| PC Audio in                          | ✓                                  | Certification                     | UKRAINIAN, EPA, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003 |
| HDCP                                 | ✓                                  | Recycling data                    |                                                                                                |
| HDCP version                         | 1.4                                | Recyclable packaging material     | 100%                                                                                           |
| Ergonomics                           |                                    | Post-consumer recycled plastic    | 85%                                                                                            |
| VESA mounting *                      | ✓                                  | Logistics data                    |                                                                                                |
| Panel mounting interface             | 100 x 100 mm                       | Harmonized System (HS) code       | 85285210                                                                                       |
| Cable lock slot *                    | ✓                                  |                                   |                                                                                                |
| Cable lock slot type                 | Kensington                         |                                   |                                                                                                |
| Height adjustment *                  | ✓                                  |                                   |                                                                                                |



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### Catalog Object Cloud



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