

## Philips B Line 245B1/00 computer monitor 60.5 cm (23.8") 2560 x 1440 pixels Quad HD LED Black

**Brand :** Philips

**Product family:** B Line

**Product code:** 245B1/00

**Product name :** 245B1/00

- 24" Quad HD IPS 2560 x 1440
  - 75 Hz, 4 ms
  - Anti-Glare
- Business Monitor 245B1 LCD monitor with PowerSensor

Philips B Line 245B1/00 computer monitor 60.5 cm (23.8") 2560 x 1440 pixels Quad HD LED Black:

Get your best work done with this Philips monitor. Crystal-clear QHD gives the space and clarity for your work. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.

Philips B Line 245B1/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 2560 x 1440 pixels, HD type: Quad 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). VESA mounting, Height adjustment. Product colour: Black



| Display                               |                      | Ergonomics                                |                                                                                                                                                                                                         |
|---------------------------------------|----------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display diagonal *                    | 60.5 cm (23.8")      | Height adjustment *                       | ✓                                                                                                                                                                                                       |
| Display resolution *                  | 2560 x 1440 pixels   | Adjustable height (max)                   | 15 cm                                                                                                                                                                                                   |
| HD type *                             | Quad HD              | Pivot                                     | ✓                                                                                                                                                                                                       |
| Native aspect ratio *                 | 16:9                 | Pivot angle                               | -90 - 90°                                                                                                                                                                                               |
| Display technology *                  | LED                  | Swivelling                                | ✓                                                                                                                                                                                                       |
| Panel type *                          | IPS                  | Swivel angle range                        | -180 - 180°                                                                                                                                                                                             |
| LED backlight                         | ✓                    | Tilt adjustment                           | ✓                                                                                                                                                                                                       |
| Backlight type                        | W-LED                | Tilt angle range                          | -5 - 35°                                                                                                                                                                                                |
| Touchscreen *                         | ✗                    | On Screen Display (OSD)                   | ✓                                                                                                                                                                                                       |
| Display brightness (typical)          | 250 cd/m²            | 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 |
| Response time *                       | 4 ms                 |                                           |                                                                                                                                                                                                         |
| Display surface                       | Matt                 |                                           |                                                                                                                                                                                                         |
| Anti-glare screen                     | ✓                    |                                           |                                                                                                                                                                                                         |
| Screen shape *                        | Flat                 | Number of OSD languages                   | 21                                                                                                                                                                                                      |
| Supported graphics resolutions        | 2560 x 1440          | Plug and Play                             | ✓                                                                                                                                                                                                       |
| Aspect ratio                          | 16:9                 | LED indicators                            | Operation, Stand-by                                                                                                                                                                                     |
| Contrast ratio (typical) *            | 1000:1               | Power                                     |                                                                                                                                                                                                         |
| Contrast ratio (dynamic)              | 50000000:1           | Energy efficiency class (SDR) *           | E                                                                                                                                                                                                       |
| Dynamic contrast ratio marketing name | SmartContrast        | Energy consumption (SDR) per 1000 hours * | 17 kWh                                                                                                                                                                                                  |
| Maximum refresh rate *                | 75 Hz                | Power consumption (typical) *             | 16.3 W                                                                                                                                                                                                  |
| Viewing angle, horizontal             | 178°                 | Power consumption (standby) *             | 0.3 W                                                                                                                                                                                                   |
| Viewing angle, vertical               | 178°                 | Power consumption (off)                   | 0 W                                                                                                                                                                                                     |
| Display number of colours *           | 16.7 million colours | Power consumption (PowerSave)             | 13 W                                                                                                                                                                                                    |
| Pixel pitch                           | 0.2058 x 0.2058 mm   | AC input voltage                          | 100 - 240 V                                                                                                                                                                                             |
| Pixel density                         | 123 ppi              | AC input frequency                        | 50/60 Hz                                                                                                                                                                                                |
| Horizontal scan range                 | 30 - 114 kHz         | Power supply type                         | Internal                                                                                                                                                                                                |
| Vertical scan range                   | 48 - 75 Hz           |                                           |                                                                                                                                                                                                         |
| Viewable size, horizontal             | 52.7 cm              |                                           |                                                                                                                                                                                                         |

| Display                              |                                                                           | Power                             |                                                                                                                                |
|--------------------------------------|---------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Viewable size, vertical              | 29.6 cm                                                                   | Energy efficiency scale           | A to G                                                                                                                         |
| Digital horizontal frequency         | 30 - 114 kHz                                                              | Operational conditions            |                                                                                                                                |
| Digital vertical frequency           | 48 - 75 Hz                                                                | Operating temperature (T-T)       | 0 - 40 °C                                                                                                                      |
| Display diagonal (metric)            | 60.5 cm                                                                   | Storage temperature (T-T)         | -20 - 60 °C                                                                                                                    |
| DDC/CI                               | ✓                                                                         | Operating relative humidity (H-H) | 20 - 80%                                                                                                                       |
| Haze rate                            | 25%                                                                       | Storage relative humidity (H-H)   | 20 - 80%                                                                                                                       |
| Surface hardness                     | 3H                                                                        | Operating altitude                | 0 - 3658 m                                                                                                                     |
| Colour gamut standard                | sRGB, NTSC                                                                | Non-operating altitude            | 0 - 12192 m                                                                                                                    |
| Colour gamut                         | 99%                                                                       | Weight & dimensions               |                                                                                                                                |
| sRGB coverage (typical)              | 116%                                                                      | Width (with stand)                | 540 mm                                                                                                                         |
| NTSC coverage (typical)              | 99%                                                                       | Depth (with stand)                | 205 mm                                                                                                                         |
| Display sRGB                         | ✓                                                                         | Height (with stand)               | 501 mm                                                                                                                         |
| Display panel size                   | 23.8 inch / 60.5 cm                                                       | Weight (with stand)               | 4.78 kg                                                                                                                        |
| Performance                          |                                                                           | Width (without stand)             | 540 mm                                                                                                                         |
| NVIDIA G-SYNC *                      | ✗                                                                         | Depth (without stand)             | 51 mm                                                                                                                          |
| AMD FreeSync *                       | ✗                                                                         | Height (without stand)            | 323 mm                                                                                                                         |
| VESA Adaptive Sync support           | ✓                                                                         | Weight (without stand)            | 3.2 kg                                                                                                                         |
| Component video sync                 | Separate Sync                                                             | Packaging data                    |                                                                                                                                |
| Flicker-free technology              | ✓                                                                         | Package width                     | 730 mm                                                                                                                         |
| Low Blue Light technology            | ✓                                                                         | Package depth                     | 139 mm                                                                                                                         |
| Multimedia                           |                                                                           | Package height                    | 450 mm                                                                                                                         |
| Number of speakers                   | 2                                                                         | Package weight                    | 7.46 kg                                                                                                                        |
| RMS rated power                      | 4 W                                                                       | Package type                      | Box                                                                                                                            |
| Built-in speaker(s) *                | ✓                                                                         | Quantity per pack                 | 1 pc(s)                                                                                                                        |
| Built-in camera *                    | ✗                                                                         | Packaging content                 |                                                                                                                                |
| Design                               |                                                                           | Stand included                    | ✓                                                                                                                              |
| Product colour *                     | Black                                                                     | Cables included                   | HDMI, DisplayPort, Audio (3.5mm), AC                                                                                           |
| Front bezel colour                   | Black                                                                     | Manual                            | ✓                                                                                                                              |
| Detachable stand                     | ✓                                                                         | Bundled software                  | SmartControl                                                                                                                   |
| Feet colour                          | Black                                                                     | Sustainability                    |                                                                                                                                |
| Ports & interfaces                   |                                                                           | Sustainability certificates       | ENERGY STAR, TCO                                                                                                               |
| I/O ports                            | USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2) | Doesn't contain                   | Mercury, PVC/BFR                                                                                                               |
| Built-in USB hub *                   | ✗                                                                         | Other features                    |                                                                                                                                |
| USB upstream port type               | USB Type-B                                                                | Compatible operating systems      | Mac OS X; Windows 10 / 8.1 / 8 / 7                                                                                             |
| Number of upstream ports             | 1                                                                         | Exterior finish type              | Textured                                                                                                                       |
| USB Type-A downstream ports quantity | 5                                                                         | Monitor sync input signal         | Separate Sync                                                                                                                  |
| DVI port                             | ✓                                                                         | User controls                     | SmartImage; Input; PowerSensor; Menu; Power On/Off                                                                             |
| DVI-D ports quantity                 | 1                                                                         | Picture enhancement               | SmartImage                                                                                                                     |
| HDMI *                               | ✓                                                                         | Signal input                      | DVI-D (digital, HDCP); DisplayPort 1.2; HDMI 1.4 x 1                                                                           |
| HDMI ports quantity                  | 1                                                                         | Regulatory Approvals              | CB; EPA; FCC Class B; ICES-003; CE Mark; TUV Ergo; TUV/GS; SEMKO; CU-EAC; UKRAINIAN; CCC; CECP; CEL; TUV Eye Comfort certified |
| HDMI version                         | 1.4                                                                       |                                   |                                                                                                                                |
| DisplayPorts quantity                | 1                                                                         |                                   |                                                                                                                                |
| DisplayPort version                  | 1.2                                                                       | Heavy metals free                 | Hg (mercury)                                                                                                                   |
| Audio input                          | ✗                                                                         | Light sensor                      | ✓                                                                                                                              |
| Headphone out *                      | ✓                                                                         | EasyRead mode                     | ✓                                                                                                                              |
| HDCP                                 | ✓                                                                         | LowBlue mode                      | ✓                                                                                                                              |
| HDCP version                         | 1.4                                                                       | Compliance certificates           | RoHS                                                                                                                           |
| AC (power) in                        | ✓                                                                         | Mean time between failures (MTBF) | 70000 h                                                                                                                        |
| Ergonomics                           |                                                                           | Certification                     | CB, EPA, FCC Class B, ICES-003, CE Mark, TUV Ergo, TUV/GS, SEMKO, CU-EAC, UKRAINIAN, CCC, CECP, CEL, TUV Eye Comfort certified |
| VESA mounting *                      | ✓                                                                         |                                   |                                                                                                                                |
| Panel mounting interface             | 100 x 100 mm                                                              |                                   |                                                                                                                                |
| Cable lock slot *                    | ✓                                                                         | Recycling data                    |                                                                                                                                |
| Cable lock slot type                 | Kensington                                                                | Packaging recyclability rate      | 100%                                                                                                                           |

|                       |  |
|-----------------------|--|
| <b>Recycling data</b> |  |
|-----------------------|--|

|                                        |     |
|----------------------------------------|-----|
| Product post-consumer recycled plastic | 85% |
|----------------------------------------|-----|

|                       |  |
|-----------------------|--|
| <b>Logistics data</b> |  |
|-----------------------|--|

|                             |          |
|-----------------------------|----------|
| Harmonized System (HS) code | 85285210 |
|-----------------------------|----------|



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### Catalog Object Cloud



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