

Philips B Line LCD monitor 241B8QJEB/00

Brand : Philips

Product family: B Line

Product code: 241B8QJEB/00

Product name : LCD monitor 241B8QJEB/00

Monitor 241B8QJEB LCD monitor

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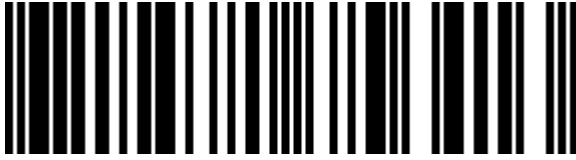
Get your best work done with the Philips 24" Full HD monitor. Crisp and vivid Full HD gives you the space and clarity to see your work. Features like height-adjustment, Flicker-free and LowBlue mode make work easy-on-the eyes.

Philips B Line LCD monitor 241B8QJEB/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 5 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 * | 60.5 cm (23.8") | Height adjustment | 15 cm |
| Display resolution * | 1920 x 1080 pixels | Pivot | ✓ |
| HD type * | Full HD | Pivot angle | -90 - 90° |
| Native aspect ratio * | 16:9 | Swivelling | ✓ |
| Display technology * | LCD | 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) | 250 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 * | 5 ms | | |
| Anti-glare screen | ✓ | | |
| Screen shape * | Flat | Number of OSD languages | 21 |
| Supported graphics resolutions | 1920 x 1080 (HD 1080) | Plug and Play | ✓ |
| Supported video modes | 1080p | LED indicators | Operation, Stand-by |
| Aspect ratio | 16:9 | Power | |
| Contrast ratio (typical) * | 1000:1 | Energy efficiency class (SDR) * | D |
| Contrast ratio (dynamic) | 50000000:1 | Energy consumption (SDR) per 1000 hours * | 14 kWh |
| Dynamic contrast ratio marketing name | SmartContrast | Power consumption (typical) * | 14.21 W |
| Maximum refresh rate * | 75 Hz | Power consumption (standby) * | 0.5 W |
| Viewing angle, horizontal | 178° | Power consumption (PowerSave) | 10 W |
| Viewing angle, vertical | 178° | AC input voltage | 100 - 240 V |
| Display number of colours * | 16.7 million colours | AC input frequency | 50 - 60 Hz |
| Pixel pitch | 0.275 x 0.275 mm | Power supply type | Internal |
| Pixel density | 93 ppi | Energy efficiency scale | A to G |
| Horizontal scan range | 30 - 85 kHz | European Product Registry for Energy Labelling (EPREL) code | 399180 |
| Vertical scan range | 48 - 75 Hz | | |
| Viewable size, horizontal | 52.7 cm | | |
| Viewable size, vertical | 29.6 cm | | |

| Display | | Operational conditions | |
|--------------------------------------|------------------------------------|--------------------------------------|--|
| Digital horizontal frequency | 30 - 85 kHz | Operating temperature (T-T) | 0 - 40 °C |
| Digital vertical frequency | 48 - 76 Hz | Storage temperature (T-T) | -20 - 60 °C |
| Sync-on-green (SOG) | ✓ | Operating relative humidity (H-H) | 20 - 80% |
| Display diagonal (metric) | 60.5 cm | Operating altitude | 0 - 3658 m |
| DDC/CI | ✓ | Non-operating altitude | 0 - 12192 m |
| Haze rate | 25% | Weight & dimensions | |
| Surface hardness | 3H | Width (with stand) | 540 mm |
| Colour gamut standard | sRGB | Depth (with stand) | 206 mm |
| Colour gamut | 89.9% | Height (with stand) | 508 mm |
| sRGB coverage (typical) | 103.8% | Weight (with stand) | 4.97 kg |
| NTSC coverage (typical) | 89.9% | Width (without stand) | 540 mm |
| 3D | ✗ | Depth (without stand) | 50 mm |
| Separate H/V sync | ✓ | Height (without stand) | 323 mm |
| Display sRGB | ✓ | Weight (without stand) | 3.37 kg |
| Performance | | Packaging data | |
| NVIDIA G-SYNC * | ✗ | Package width | 600 mm |
| AMD FreeSync * | ✗ | Package depth | 198 mm |
| VESA Adaptive Sync support | ✓ | Package height | 468 mm |
| Component video sync | Separate sync, Sync-on-green (SOG) | Package weight | 7.17 kg |
| Flicker-free technology | ✓ | Packaging content | |
| Low Blue Light technology | ✓ | Stand included | ✓ |
| Multimedia | | Cables included | VGA, HDMI, DisplayPort, Audio (3.5mm), AC |
| Number of speakers | 2 | Manual | ✓ |
| RMS rated power | 2 W | Bundled software | SmartControl |
| Built-in speaker(s) * | ✓ | Sustainability | |
| Built-in camera * | ✗ | Sustainability certificates | ENERGY STAR, TCO |
| Design | | Doesn't contain | PVC/BFR, Mercury |
| Market positioning * | Home | Other features | |
| Product colour * | Black | AC adapter included | ✓ |
| Front bezel colour | Black | Rotating | ✗ |
| Feet colour | Black | TV tuner integrated | ✗ |
| Ports & interfaces | | Exterior finish type | Textured |
| Built-in USB hub * | ✓ | Recommended resolution | 1920 x 1080 @ 60 Hz |
| USB hub version | 3.2 Gen 1 (3.1 Gen 1) | Picture enhancement | SmartImage |
| USB Type-A downstream ports quantity | 4 | Recyclable packaging material | 100% |
| VGA (D-Sub) ports quantity | 1 | Regulatory Approvals | CE Mark; CB; FCC Class B; SEMKO; cETLus; UKRAINIAN; TUV/GS; TUV Ergo; CU-EAC |
| DVI port | ✓ | Heavy metals free | Hg (mercury) |
| DVI-D ports quantity | 1 | EasyRead mode | ✓ |
| HDMI ports quantity | 1 | LowBlue mode | ✓ |
| HDMI version | 1.4 | Energy efficiency class (old) | D |
| DisplayPorts quantity | 1 | Compliance certificates | RoHS, WEEE |
| DisplayPort version | 1.2 | Mean time between failures (MTBF) | 70000 h |
| Audio input | ✗ | Certification | CE Mark, CB, FCC Class B, SEMKO, cETLus, UKRAINIAN, TUV/GS, TUV Ergo, CU-EAC |
| Headphone out * | ✓ | Recycling data | |
| Headphone outputs | 1 | Total amount of recyclable materials | 85% |
| PC Audio in | ✓ | Post-consumer recycled plastic | 85% |
| Ergonomics | | Logistics data | |
| VESA mounting * | ✓ | Harmonized System (HS) code | 85285210 |
| Panel mounting interface | 100 x 100 mm | | |
| Cable lock slot * | ✓ | | |
| Cable lock slot type | Kensington | | |
| Height adjustment * | ✓ | | |



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