

## Philips 162B9T/00 computer monitor 39.6 cm (15.6") 1366 x 768 pixels HD LCD Touchscreen Black

**Brand :** Philips

**Product code:** 162B9T/00

**Product name :** 162B9T/00

162B9T LCD monitor with SmoothTouch

Philips 162B9T/00 computer monitor 39.6 cm (15.6") 1366 x 768 pixels HD LCD Touchscreen Black:

A sturdy water- and dust-resistant touch-screen monitor for flexible use anywhere, with articulating stand to fit angles you need. Offering simple and intuitive use across applications, greatly boosts productivity.

Philips 162B9T/00. Display diagonal: 39.6 cm (15.6"), Display resolution: 1366 x 768 pixels, HD type: HD, Display technology: LCD, Display surface: Gloss, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 90°, Viewing angle, vertical: 60°. Built-in speaker(s). VESA mounting, Height adjustment. Product colour: Black



| Display                               |                             | Ergonomics                                |                                                                                                                                                                                                         |
|---------------------------------------|-----------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display diagonal *                    | 39.6 cm (15.6")             | Tilt adjustment                           | ✓                                                                                                                                                                                                       |
| Display resolution *                  | 1366 x 768 pixels           | Tilt angle range                          | -5 - 90°                                                                                                                                                                                                |
| HD type *                             | HD                          | On Screen Display (OSD)                   | ✓                                                                                                                                                                                                       |
| Native aspect ratio *                 | 16:9                        | 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 |
| Display technology *                  | LCD                         |                                           |                                                                                                                                                                                                         |
| Panel type *                          | TN                          |                                           |                                                                                                                                                                                                         |
| LED backlight                         | ✓                           |                                           |                                                                                                                                                                                                         |
| Backlight type                        | W-LED                       | Number of OSD languages                   | 21                                                                                                                                                                                                      |
| Touchscreen *                         | ✓                           | Palm rejection area                       | 25 x 25 mm                                                                                                                                                                                              |
| Touchscreen technology                | Projected capacitive system | Plug and Play                             | ✓                                                                                                                                                                                                       |
| Number of simultaneous touchpoints    | 10                          | LED indicators                            | Operation, Stand-by                                                                                                                                                                                     |
| Display brightness (typical)          | 220 cd/m²                   | <b>Power</b>                              |                                                                                                                                                                                                         |
| Display brightness                    | 220 cd/m²                   | Energy efficiency class (SDR) *           | E                                                                                                                                                                                                       |
| Response time *                       | 4 ms                        | Energy consumption (SDR) per 1000 hours * | 10 kWh                                                                                                                                                                                                  |
| Display surface                       | Gloss                       | Power consumption (typical) *             | 7.1 W                                                                                                                                                                                                   |
| Screen shape *                        | Flat                        | Power consumption (standby) *             | 0.3 W                                                                                                                                                                                                   |
| Aspect ratio                          | 16:9                        | Power consumption (off)                   | 0.3 W                                                                                                                                                                                                   |
| Contrast ratio (typical) *            | 500:1                       | Power consumption (PowerSave)             | 5.6 W                                                                                                                                                                                                   |
| Contrast ratio (dynamic)              | 20000000:1                  | AC input voltage                          | 100 - 240 V                                                                                                                                                                                             |
| Dynamic contrast ratio marketing name | SmartContrast               | AC input frequency                        | 50/60 Hz                                                                                                                                                                                                |
| Maximum refresh rate *                | 60 Hz                       | Power supply type                         | External                                                                                                                                                                                                |
| Viewing angle, horizontal             | 90°                         | <b>Operational conditions</b>             |                                                                                                                                                                                                         |
| Viewing angle, vertical               | 60°                         | Operating temperature (T-T)               | 0 - 40 °C                                                                                                                                                                                               |
| Display number of colours *           | 262000 colours              | Storage temperature (T-T)                 | -20 - 60 °C                                                                                                                                                                                             |
| Pixel pitch                           | 0.252 x 0.252 mm            | Operating relative humidity (H-H)         | 20 - 80%                                                                                                                                                                                                |
| Pixel density                         | 100 ppi                     | Operating altitude                        | 0 - 3658 m                                                                                                                                                                                              |
| Horizontal scan range                 | 30 - 60 kHz                 |                                           |                                                                                                                                                                                                         |

| Display                              |                                               | Operational conditions                 |                                                                                           |
|--------------------------------------|-----------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------|
| Vertical scan range                  | 50 - 75 Hz                                    | Non-operating altitude                 | 0 - 12192 m                                                                               |
| Viewable size, horizontal            | 34.4 cm                                       | Weight & dimensions                    |                                                                                           |
| Viewable size, vertical              | 19.4 cm                                       | Dimensions (W x D x H) with stand      | 378 x 347 x 227 mm                                                                        |
| Digital horizontal frequency         | 30 - 60 kHz                                   | Width (with stand)                     | 378 mm                                                                                    |
| Digital vertical frequency           | 50 - 75 Hz                                    | Depth (with stand)                     | 227 mm                                                                                    |
| Sync-on-green (SOG)                  | ✓                                             | Height (with stand)                    | 347 mm                                                                                    |
| Display diagonal (metric)            | 39.6 cm                                       | Weight (with stand)                    | 5 kg                                                                                      |
| DDC/CI                               | ✓                                             | Width (without stand)                  | 378 mm                                                                                    |
| Surface hardness                     | 7H                                            | Depth (without stand)                  | 42 mm                                                                                     |
| Colour gamut standard                | sRGB, NTSC                                    | Height (without stand)                 | 241 mm                                                                                    |
| Colour gamut                         | 86%                                           | Weight (without stand)                 | 2.01 kg                                                                                   |
| sRGB coverage (typical)              | 100%                                          | Packaging data                         |                                                                                           |
| NTSC coverage (typical)              | 86%                                           | Package width                          | 445 mm                                                                                    |
| Separate H/V sync                    | ✓                                             | Package depth                          | 159 mm                                                                                    |
| Display sRGB                         | ✓                                             | Package height                         | 388 mm                                                                                    |
| Display panel size                   | 15.6 inch/39.6 cm                             | Package weight                         | 6.31 kg                                                                                   |
| Performance                          |                                               | Packaging content                      |                                                                                           |
| NVIDIA G-SYNC *                      | ✗                                             | Stand included                         | ✓                                                                                         |
| AMD FreeSync *                       | ✗                                             | Cables included                        | VGA, HDMI, DisplayPort, USB Type-A to USB Type-B, Audio (3.5mm), AC                       |
| Component video sync                 | Separate Sync, Sync-on-green (SOG)            | Stylus included                        | ✓                                                                                         |
| Low Blue Light technology            | ✓                                             | Quick start guide                      | ✓                                                                                         |
| Operating system installed           | Windows 10                                    | Manual                                 | ✓                                                                                         |
| Windows operating systems supported  | Windows 10, Windows 7, Windows 8, Windows 8.1 | Bundled software                       | SmartControl                                                                              |
| Stylus pen hover function            | ✓                                             | Sustainability                         |                                                                                           |
| Palm rejection                       | ✓                                             | Sustainability certificates            | ENERGY STAR                                                                               |
| Multimedia                           |                                               | Doesn't contain                        | Mercury, PVC/BFR                                                                          |
| Number of speakers                   | 2                                             | Other features                         |                                                                                           |
| RMS rated power                      | 4 W                                           | International Protection (IP) code     | IP65                                                                                      |
| Built-in speaker(s) *                | ✓                                             | Compatible operating systems           | Windows 10 / 8.1 / 8 / 7                                                                  |
| Design                               |                                               | Exterior finish type                   | Textured                                                                                  |
| Market positioning *                 | Home                                          | Display viewable area (HxV)            | 344.2 x 193.5 mm                                                                          |
| Product colour *                     | Black                                         | Monitor sync input signal              | Separate Sync; Sync on Green                                                              |
| Front bezel colour                   | Black                                         | Signal input                           | VGA (Analogue); DVI-D (digital, HDCP); DisplayPort 1.2; HDMI 1.4                          |
| Feet colour                          | Black                                         | Mobile operating systems supported     | Android 7.1, Android 7.0, Android 6.0, Android 5.0, Android 4.4                           |
| Ports & interfaces                   |                                               | Heavy metals free                      | Hg (mercury)                                                                              |
| USB Type-A downstream ports quantity | 2                                             | Folding angle                          | 70°                                                                                       |
| USB Touch port                       | ✓                                             | EasyRead mode                          | ✓                                                                                         |
| VGA (D-Sub) ports quantity           | 1                                             | LowBlue mode                           | ✓                                                                                         |
| DVI port                             | ✓                                             | Energy efficiency class (legacy scale) | A                                                                                         |
| DVI-D ports quantity                 | 1                                             | User controls                          | SmartImage; Input; Brightness; Menu; Power On/Off                                         |
| HDMI *                               | ✓                                             | Picture enhancement                    | SmartImage                                                                                |
| HDMI ports quantity                  | 1.4                                           | Regulatory Approvals                   | CB; CE Mark; FCC Class B; SEMKO; UKRAINIAN; ICES-003; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS |
| HDMI version                         | 1.4                                           | Touch method                           | Stylus, Finger, Glove*                                                                    |
| DisplayPorts quantity                | 1.2                                           | Height adjustment (vertical mode)      | 10.5 cm                                                                                   |
| DisplayPort version                  | 1.2                                           | Height adjustment (horizontal mode)    | 18.4 cm                                                                                   |
| Headphone out *                      | ✓                                             | Compliance certificates                | RoHS, WEEE                                                                                |
| Headphone outputs                    | 1                                             | Mean time between failures (MTBF)      | 70000 h                                                                                   |
| PC Audio in                          | ✓                                             | Supplied AC adapter type               | 1366 x 768 @ 60 Hz                                                                        |
| HDCP                                 | ✓                                             | Certification                          | CB, CE Mark, FCC Class B, SEMKO, UKRAINIAN, ICES-003, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS |
| HDCP version                         | 1.4                                           |                                        |                                                                                           |
| Ergonomics                           |                                               |                                        |                                                                                           |
| VESA mounting *                      | ✓                                             |                                        |                                                                                           |
| Panel mounting interface             | 100 x 100 mm                                  |                                        |                                                                                           |

| Ergonomics              |            | Recycling data               |          |
|-------------------------|------------|------------------------------|----------|
| Wall mountable          | ✓          | Packaging recyclability rate | 100%     |
| Cable lock slot *       | ✓          | Logistics data               |          |
| Cable lock slot type    | Kensington | Harmonized System (HS) code  | 85285210 |
| Height adjustment *     | ✓          |                              |          |
| Adjustable height (max) | 10.5 cm    |                              |          |



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### Catalog Object Cloud



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