

## Philips S Line 242S1AE/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LED Black

**Brand :** Philips

**Product family:** S Line

**Product code:** 242S1AE/00

**Product name :** 242S1AE/00

242S1AE LCD monitor

Philips S Line 242S1AE/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LED Black:

Philips S Line monitor gives essential features for daily productivity and work comfortably. Virtually frameless with crisp FHD for an extended and clear view. EasyRead and Eye comfort with TUV certified to reduce eye fatigue.

Philips S Line 242S1AE/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, 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")       | Adjustable height (max)                   | 13 cm                                                                                                                                                                                                   |
| Display resolution *                  | 1920 x 1080 pixels    | Pivot                                     | ✓                                                                                                                                                                                                       |
| HD type *                             | Full HD               | Pivot angle                               | -90 - 90°                                                                                                                                                                                               |
| Native aspect ratio *                 | 16:9                  | Swivelling                                | ✓                                                                                                                                                                                                       |
| Display technology *                  | LED                   | Swivel angle range                        | -180 - 180°                                                                                                                                                                                             |
| Panel type *                          | IPS                   | Tilt adjustment                           | ✓                                                                                                                                                                                                       |
| LED backlight                         | ✓                     | Tilt angle range                          | -5 - 25°                                                                                                                                                                                                |
| Backlight type                        | W-LED                 | On Screen Display (OSD)                   | ✓                                                                                                                                                                                                       |
| Touchscreen *                         | ✗                     | 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 brightness (typical)          | 300 cd/m²             |                                           |                                                                                                                                                                                                         |
| Response time *                       | 4 ms                  | Number of OSD languages                   | 21                                                                                                                                                                                                      |
| Anti-glare screen                     | ✓                     | Plug and Play                             | ✓                                                                                                                                                                                                       |
| Screen shape *                        | Flat                  | LED indicators                            | Operation, Stand-by                                                                                                                                                                                     |
| Supported graphics resolutions        | 1920 x 1080 (HD 1080) | <b>Power</b>                              |                                                                                                                                                                                                         |
| Aspect ratio                          | 16:9                  | Energy efficiency class (SDR) *           | D                                                                                                                                                                                                       |
| Contrast ratio (typical) *            | 1000:1                | Energy consumption (SDR) per 1000 hours * | 16 kWh                                                                                                                                                                                                  |
| Contrast ratio (dynamic)              | 5000000:1             | Power consumption (typical) *             | 13.6 W                                                                                                                                                                                                  |
| Dynamic contrast ratio marketing name | SmartContrast         | Power consumption (standby) *             | 0.3 W                                                                                                                                                                                                   |
| Maximum refresh rate *                | 75 Hz                 | Power consumption (off)                   | 0.3 W                                                                                                                                                                                                   |
| Viewing angle, horizontal             | 178°                  | Power consumption (PowerSave)             | 10.4 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                           | 0.2745 x 0.2745 mm    | Power supply type                         | Internal                                                                                                                                                                                                |
| Pixel density                         | 93 ppi                | Energy efficiency scale                   | A to G                                                                                                                                                                                                  |
| Horizontal scan range                 | 30 - 85 kHz           |                                           |                                                                                                                                                                                                         |
| 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 - 75 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                            | Storage relative humidity (H-H)        | 20 - 80%                                                                                                                      |
| DDC/CI                       | ✓                                  | Operating altitude                     | 0 - 3658 m                                                                                                                    |
| Haze rate                    | 25%                                | Non-operating altitude                 | 0 - 12192 m                                                                                                                   |
| Surface hardness             | 3H                                 | Weight & dimensions                    |                                                                                                                               |
| Colour gamut standard        | sRGB, NTSC                         | Width (with stand)                     | 540 mm                                                                                                                        |
| Colour gamut                 | 91%                                | Depth (with stand)                     | 205 mm                                                                                                                        |
| sRGB coverage (typical)      | 107%                               | Height (with stand)                    | 482 mm                                                                                                                        |
| NTSC coverage (typical)      | 91%                                | Weight (with stand)                    | 4.83 kg                                                                                                                       |
| Display sRGB                 | ✓                                  | Width (without stand)                  | 540 mm                                                                                                                        |
| Display panel size           | 23.8 inch/60.5 cm                  | Depth (without stand)                  | 51 mm                                                                                                                         |
| Performance                  |                                    | Height (without stand)                 | 323 mm                                                                                                                        |
| VESA Adaptive Sync support   | ✓                                  | Weight (without stand)                 | 2.98 kg                                                                                                                       |
| Component video sync         | Separate Sync, Sync-on-green (SOG) | Packaging data                         |                                                                                                                               |
| Flicker-free technology      | ✓                                  | Package width                          | 625 mm                                                                                                                        |
| Low Blue Light technology    | ✓                                  | Package depth                          | 180 mm                                                                                                                        |
| Multimedia                   |                                    | Package height                         | 435 mm                                                                                                                        |
| Number of speakers           | 2                                  | Package weight                         | 7.91 kg                                                                                                                       |
| RMS rated power              | 4 W                                | Package type                           | Box                                                                                                                           |
| Built-in speaker(s) *        | ✓                                  | Packaging content                      |                                                                                                                               |
| Built-in camera *            | ✗                                  | Stand included                         | ✓                                                                                                                             |
| Design                       |                                    | Cables included                        | VGA, HDMI, DisplayPort, Audio (3.5mm), AC                                                                                     |
| Market positioning *         | Business                           | Manual                                 | ✓                                                                                                                             |
| Product colour *             | Black                              | Bundled software                       | SmartControl                                                                                                                  |
| Front bezel colour           | Black                              | Sustainability                         |                                                                                                                               |
| Detachable stand             | ✓                                  | Sustainability certificates            | ENERGY STAR, TCO                                                                                                              |
| Feet colour                  | Black                              | Doesn't contain                        | Mercury, PVC/BFR                                                                                                              |
| Ports & interfaces           |                                    | Other features                         |                                                                                                                               |
| Built-in USB hub *           | ✗                                  | Compatible operating systems           | Mac OS X; Windows 10/8.1/8/7                                                                                                  |
| VGA (D-Sub) ports quantity   | 1                                  | Exterior finish type                   | Textured                                                                                                                      |
| DVI port                     | ✓                                  | Monitor sync input signal              | Separate Sync; Sync on Green                                                                                                  |
| DVI-D ports quantity         | 1                                  | User controls                          | SmartImage; Input; Brightness; Menu; Power On/Off                                                                             |
| HDMI *                       | ✓                                  | Picture enhancement                    | SmartImage                                                                                                                    |
| HDMI ports quantity          | 1                                  | Signal input                           | VGA (Analogue); DVI-D (digital, HDCP); DisplayPort 1.2; HDMI 1.4                                                              |
| HDMI version                 | 1.4                                | Regulatory Approvals                   | CB; FCC Class B; ICES-003; CE Mark; TUV/GS; TUV Ergo; CU-EAC; UKRAINIAN; CCC; CEL; CEC; TUV Eye Comfort certified             |
| DisplayPorts quantity        | 1                                  | Heavy metals free                      | Hg (mercury)                                                                                                                  |
| DisplayPort version          | 1.2                                | EasyRead mode                          | ✓                                                                                                                             |
| Audio input                  | ✗                                  | LowBlue mode                           | ✓                                                                                                                             |
| Headphone out *              | ✓                                  | Energy efficiency class (legacy scale) | E                                                                                                                             |
| Headphone outputs            | 1                                  | Compliance certificates                | RoHS                                                                                                                          |
| Headphone connectivity       | 3.5 mm                             | Mean time between failures (MTBF)      | 70000 h                                                                                                                       |
| PC Audio in                  | ✓                                  | Certification                          | CB, EPA, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, SEMKO, CU-EAC, UKRAINIAN, CCC, CEL, CEC, TUV Eye Comfort certified |
| HDCP                         | ✓                                  | Recycling data                         |                                                                                                                               |
| HDCP version                 | 1.4                                | Packaging recyclability rate           | 100%                                                                                                                          |
| AC (power) in                | ✓                                  | Product post-consumer recycled plastic | 85%                                                                                                                           |
| Ergonomics                   |                                    |                                        |                                                                                                                               |
| VESA mounting *              | ✓                                  |                                        |                                                                                                                               |
| Panel mounting interface     | 100 x 100 mm                       |                                        |                                                                                                                               |
| Cable lock slot *            | ✓                                  |                                        |                                                                                                                               |
| Cable lock slot type         | Kensington                         |                                        |                                                                                                                               |
| Height adjustment *          | ✓                                  |                                        |                                                                                                                               |

**Logistics data**

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



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### Catalog Object Cloud



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