

Philips 5000 series 49B2U5900CH/00 LED display 124 cm (48.8") 5120 x 1440 pixels Dual QHD LCD Black

Brand : Philips

Product family: 5000 series

Product code:
49B2U5900CH/00

Product name :
49B2U5900CH/00

Curved Business Monitor 49B2U5900CH 32:9 SuperWide curved monitor with USB-C

Philips 5000 series 49B2U5900CH/00 LED display 124 cm (48.8") 5120 x 1440 pixels Dual QHD LCD Black:

Welcome to a more efficient workspace. To facilitate everyday workflow, this monitor's large 32:9 SuperWide screen is equipped with a new busy light and tilting webcam feature that helps you flow between tasks with ease.

Philips 5000 series 49B2U5900CH/00. Display diagonal: 124 cm (48.8"), Display resolution: 5120 x 1440 pixels, HD type: Dual QHD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 32:9, 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 | | Network | |
|---------------------------------------|----------------------|---|---------------------|
| Display diagonal * | 124 cm (48.8") | Ethernet LAN | ✓ |
| Display resolution * | 5120 x 1440 pixels | Ergonomics | |
| HD type * | Dual QHD | VESA mounting * | ✓ |
| Native aspect ratio * | 32:9 | Panel mounting interface | 100 x 100 mm |
| Display technology * | LCD | Cable lock slot * | ✓ |
| Panel type * | VA | Cable lock slot type | Kensington |
| Backlight type | W-LED | Height adjustment * | ✓ |
| Touchscreen * | ✗ | Height adjustment | 15 cm |
| Display brightness (typical) | 450 cd/m² | Swivelling | ✓ |
| Response time * | 4 ms | Swivel angle range | -30 - 30° |
| Anti-glare screen | ✓ | Tilt adjustment | ✓ |
| Screen shape * | Curved | Tilt angle range | -5 - 15° |
| Screen curvature rating | 1800R | Picture-in-Picture | ✓ |
| Contrast ratio (typical) * | 3000:1 | On Screen Display (OSD) | ✓ |
| Contrast ratio (dynamic) | 8000000:1 | Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian | |
| Dynamic contrast ratio marketing name | SmartContrast | On Screen Display (OSD) languages | |
| Maximum refresh rate * | 75 Hz | Number of OSD languages | 21 |
| Viewing angle, horizontal | 178° | Plug and Play | ✓ |
| Viewing angle, vertical | 178° | LED indicators | Operation, Stand-by |
| Display number of colours * | 1.07 billion colours | Power | |
| Pixel pitch | 0.2328 x 0.2328 mm | Energy efficiency class (SDR) * | F |
| Pixel density | 109 ppi | Energy efficiency class (HDR) * | G |
| Horizontal scan range | 30 - 140 kHz | Energy consumption (SDR) per 1000 hours * | 43 kWh |
| Vertical scan range | 48 - 75 Hz | Energy consumption (HDR) per 1000 hours * | 82 kWh |
| Viewable size, horizontal | 119.2 cm | Power consumption (typical) * | 46.1 W |
| Viewable size, vertical | 33.5 cm | Power consumption (standby) * | 0.8 W |
| Display diagonal (metric) | 124 cm | Power consumption (PowerSave) | 39 W |
| High Dynamic Range (HDR) supported | ✓ | AC input voltage | 100 - 240 V |
| High Dynamic Range (HDR) technology | DisplayHDR 400 | AC input frequency | 50/60 Hz |
| DDC/CI | ✓ | Power supply type | Internal |
| Haze rate | 25% | Energy efficiency scale | A to G |
| Surface hardness | 3H | | |
| Colour depth | 8 bit | | |
| Colour gamut standard | sRGB | | |
| sRGB coverage (typical) | 119% | | |

| Display | | Power | |
|--|------------------------|---|--|
| NTSC coverage (typical) | 97% | European Product Registry for Energy Labelling (EPREL) code | 1666129 |
| Display sRGB | ✓ | | |
| Performance | | Operational conditions | |
| NVIDIA G-SYNC * | ✗ | Operating temperature (T-T) | 0 - 40 °C |
| AMD FreeSync * | ✗ | Storage temperature (T-T) | -20 - 60 °C |
| Fast charging | ✓ | Operating relative humidity (H-H) | 20 - 80% |
| Fast charging technology | Power Delivery | Operating altitude | 0 - 3658 m |
| VESA Adaptive Sync support | ✓ | Non-operating altitude | 3658 - 12192 m |
| Component video sync | Separate sync | | |
| Flicker-free technology | ✓ | Weight & dimensions | |
| Low Blue Light technology | ✓ | Width (with stand) | 1193 mm |
| Multimedia | | Depth (with stand) | 268 mm |
| Number of speakers | 2 | Height (with stand) | 586 mm |
| RMS rated power | 6 W | Weight (with stand) | 15.2 kg |
| Built-in speaker(s) * | ✓ | Width (without stand) | 1193 mm |
| Megapixel (approx.) | 5 MP | Depth (without stand) | 164 mm |
| Built-in microphone | ✓ | Height (without stand) | 373 mm |
| Built-in camera * | ✓ | Weight (without stand) | 11.6 kg |
| Design | | Packaging data | |
| Market positioning * | Business | Package width | 1290 mm |
| Product colour * | Black | Package depth | 475 mm |
| Front bezel colour | Black | Package height | 300 mm |
| Feet colour | Black | Package weight | 19.4 kg |
| Ports & interfaces | | Packaging content | |
| Built-in USB hub * | ✓ | Stand included | ✓ |
| USB hub version | 3.2 Gen 1 (3.1 Gen 1) | Cables included | AC, DisplayPort, HDMI, USB Type-C to USB Type-A, USB Type-C to USB Type-C |
| USB upstream port type | USB Type-B, USB Type-C | Manual | ✓ |
| Number of upstream ports | 2 | Bundled software | SmartControl |
| Number of USB Type-B upstream ports quantity | 1 | Sustainability | |
| Number of USB Type-C upstream ports quantity | 1 | Sustainability compliance | ✓ |
| USB Type-A downstream ports quantity | 2 | Sustainability certificates | ENERGY STAR, EPEAT, TCO |
| USB Type-C downstream ports quantity | 1 | Doesn't contain | Mercury, PVC/BFR |
| USB Type-C DisplayPort Alternate Mode | ✓ | Other features | |
| USB Power Delivery | ✓ | HBR3 support | ✓ |
| USB Power Delivery up to | 100 W | Compatible operating systems | Mac OS X Windows 11/10/8.1/8 |
| HDMI * | ✓ | Picture-by-Picture (PbP) | ✓ |
| HDMI ports quantity | 2 | Exterior finish type | Textured |
| HDMI version | 2.0 | Picture enhancement | SmartImage |
| DisplayPorts quantity | 1 | Recyclable packaging material | 100% |
| DisplayPort version | 1.4 | Regulatory Approvals | CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eyesafe certified; cETLus |
| Audio output | ✓ | | |
| Microphone in | ✓ | | |
| Built-in KVM switch | ✓ | | |
| HDCP | ✓ | Heavy metals free | Hg (mercury) |
| HDCP version | 1.4/2.2 | Delta E | 2 |
| | | EasyRead mode | ✓ |
| | | LowBlue mode | ✓ |
| | | Philips SmartUniformity | 93 - 105% |
| | | Compliance certificates | CB, CE, Federal Communications Commission (FCC), RoHS, cTUVus |
| | | Mean time between failures (MTBF) | 70000 h |
| | | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| | | Wake-on-LAN | ✓ |
| | | Recycling data | |
| | | Post-consumer recycled plastic | 85% |



8712581802578

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 20-OCT-2024. Prints or copies of Information are only valid on the printed Publication date