

Philips 6000 series 45B1U6900C/00 LED display 113 cm (44.5")
5120 x 1440 pixels UltraWide Dual Quad HD Black

Brand : Philips Product family: 6000 series Product code: 45B1U6900C/00

Product name :
45B1U6900C/00



Curved Business Monitor 45B1U6900C 32:9 SuperWide curved monitor with USB-C

Philips 6000 series 45B1U6900C/00 LED display 113 cm (44.5") 5120 x 1440 pixels UltraWide Dual Quad HD Black:

This Philips USB-C multipurpose monitor offers clutter-free setup. With a single cable you can view smooth high-resolution video, transfer data, and charge your laptop. The headphone holder brings cable management to the next level.

Philips 6000 series 45B1U6900C/00. Display diagonal: 113 cm (44.5"), Display resolution: 5120 x 1440 pixels, HD type: UltraWide Dual Quad HD, Display technology: LED, 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 * | 113 cm (44.5") | Ethernet LAN | ✓ |
| Display resolution * | 5120 x 1440 pixels | Ergonomics | |
| HD type * | UltraWide Dual Quad HD | VESA mounting * | ✓ |
| Native aspect ratio * | 32:9 | Panel mounting interface | 100 x 100 mm |
| Display technology * | LED | 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 | -45 - 45° |
| Anti-glare screen | ✓ | Tilt adjustment | ✓ |
| Screen shape * | Curved | Tilt angle range | -5 - 15° |
| Screen curvature rating | 1500R | Picture-in-Picture | ✓ |
| Contrast ratio (typical) * | 3000:1 | On Screen Display (OSD) | ✓ |
| Contrast ratio (dynamic) | 80000000:1 | 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 |
| Dynamic contrast ratio marketing name | SmartContrast | | |
| Maximum refresh rate * | 75 Hz | | |
| Viewing angle, horizontal | 178° | Number of OSD languages | 21 |
| Viewing angle, vertical | 178° | Plug and Play | ✓ |
| Display number of colours * | 16.7 million colours | LED indicators | Operation, Stand-by |
| Pixel pitch | 0.2124 x 0.2124 mm | Power | |
| Pixel density | 120 ppi | Energy efficiency class (SDR) * | G |
| Horizontal scan range | 30 - 114 kHz | Power consumption (typical) * | 46.3 W |
| Vertical scan range | 48 - 75 Hz | Power consumption (standby) * | 0.3 W |
| Viewable size, horizontal | 108.7 cm | Power consumption (PowerSave) | 36.5 W |
| Viewable size, vertical | 30.6 cm | | |
| Display diagonal (metric) | 113 cm | | |

| Display | | Power | |
|--|------------------------|-----------------------------------|--|
| 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% | Operational conditions | |
| Surface hardness | 2H | Operating temperature (T-T) | 0 - 40 °C |
| Colour depth | 8 bit | Storage temperature (T-T) | -20 - 60 °C |
| sRGB coverage (typical) | 123% | Operating relative humidity (H-H) | 20 - 80% |
| NTSC coverage (typical) | 107% | Operating altitude | 0 - 3658 m |
| Display sRGB | ✓ | Non-operating altitude | 0 - 12192 m |
| Performance | | Weight & dimensions | |
| VESA Adaptive Sync support | ✓ | Width (with stand) | 1085 mm |
| Component video sync | Separate sync | Depth (with stand) | 238 mm |
| Flicker-free technology | ✓ | Height (with stand) | 515 mm |
| Multimedia | | Weight (with stand) | 12.8 kg |
| Number of speakers | 2 | Width (without stand) | 1085 mm |
| Built-in speaker(s) * | ✓ | Depth (without stand) | 158 mm |
| Built-in camera * | ✗ | Height (without stand) | 337 mm |
| Design | | Weight (without stand) | 9.75 kg |
| Market positioning * | Business | Packaging data | |
| Product colour * | Black | Package width | 1180 mm |
| Frameless design | ✓ | Package depth | 535 mm |
| Front bezel colour | Black | Package height | 235 mm |
| Feet colour | Black | Package weight | 17.1 kg |
| Ports & interfaces | | Packaging content | |
| Built-in USB hub * | ✓ | Stand included | ✓ |
| USB hub version | 3.2 Gen 1 (3.1 Gen 1) | Cables included | HDMI, DisplayPort, USB Type-C, AC |
| 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 certificates | ENERGY STAR, TCO |
| USB Type-A downstream ports quantity | 4 | Doesn't contain | Mercury, PVC/BFR |
| USB Type-C downstream ports quantity | 1 | Other features | |
| USB Type-C DisplayPort Alternate Mode | ✓ | HBR3 support | ✓ |
| USB Power Delivery (USB PD) | ✓ | Compatible operating systems | Mac OS X, Windows 11/10/8.1/8 |
| USB Power Delivery up to | 100 W | Picture-by-Picture (PbP) | ✓ |
| HDMI * | ✓ | 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 | ✓ | | Delta E |
| Built-in KVM switch | ✓ | | 2 |
| HDCP | ✓ | Light sensor | ✓ |
| HDCP version | 1.4/2.2 | EasyRead mode | ✓ |
| AC (power) in | ✓ | LowBlue mode | ✓ |
| | | Philips SmartUniformity | 93 - 105% |
| | | Compliance certificates | RoHS |
| | | 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% |



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