**PHILIPS**

# Philips 40B1U6903CH/00 computer monitor 100.8 cm (39.7") 5120 x 2160 pixels 5K Ultra HD LCD Black

**Brand :** Philips

**Product name :** 40B1U6903CH/00

**Product code:** 40B1U6903CH/00

Business Monitor 40B1U6903CH 5K2K UltraWide Thunderbolt™ monitor

Philips 40B1U6903CH/00 computer monitor 100.8 cm (39.7") 5120 x 2160 pixels 5K Ultra HD LCD Black:

Philips Thunderbolt™ 4 monitor delivers a secure, reliable one-cable docking solution, deliverying sharp images, and noise cancelling mic let people hear you fine. Windows Hello Webcam for quick access and strong security.

Philips 40B1U6903CH/00. Display diagonal: 100.8 cm (39.7"), Display resolution: 5120 x 2160 pixels, HD type: 5K Ultra HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 21:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Black

## Display

| | |
|---|---|
| Display diagonal * | 100.8 cm (39.7") |
| Display resolution * | 5120 x 2160 pixels |
| HD type * | 5K Ultra HD |
| Native aspect ratio * | 21:9 |
| Display technology * | LCD |
| Panel type * | IPS |
| Backlight type | W-LED |
| Touchscreen * | ✗ |
| Display brightness (typical) | 300 cd/m² |
| Response time * | 4 ms |
| Anti-glare screen | ✔ |
| Screen shape * | Curved |
| Screen curvature rating | 2500R |
| Contrast ratio (typical) * | 1000:1 |
| Maximum refresh rate * | 50 Hz |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Display number of colours * | 1.07 billion colours |
| Pixel pitch | 0.1815 x 0.1815 mm |
| Pixel density | 140 ppi |
| Vertical scan range | 30 - 60 Hz |
| Viewable size, horizontal | 92.9 cm |
| Viewable size, vertical | 39.2 cm |
| Display diagonal (metric) | 100.9 cm |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) |
| DDC/CI | ✔ |
| Haze rate | 25% |
| Surface hardness | 3H |

## Ergonomics

| | |
|---|---|
| Cable lock slot * | ✔ |
| Cable lock slot type | Kensington |
| Height adjustment * | ✔ |
| Height adjustment | 15 cm |
| Swivel angle range | -45 - 45° |
| Tilt angle range | -5 - 15° |
| Picture-in-Picture | ✔ |
| 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 |
| Plug and Play | ✔ |
| LED indicators | Operation, Stand-by |

## Power

| | |
|---|---|
| Energy efficiency class (SDR) * | G |
| Energy efficiency class (HDR) * | G |
| Energy consumption (SDR) per 1000 hours * | 40 kWh |
| Energy consumption (HDR) per 1000 hours * | 40 kWh |
| Power consumption (typical) * | 58.3 W |
| Power consumption (standby) * | 0.44 W |
| Power consumption (PowerSave) | 44.6 W |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50 - 60 Hz |
| Power supply type | Internal |
| Energy efficiency scale | A to G |

## Display

| | |
|---|---|
| sRGB coverage (typical) | 134% |
| NTSC coverage (typical) | 103% |
| DCI-P3 coverage | 98% |
| Display sRGB | ✔ |

## Performance

| | |
|---|---|
| NVIDIA G-SYNC * | ✘ |
| AMD FreeSync * | ✘ |
| VESA Adaptive Sync support | ✔ |
| Component video sync | Separate sync |
| Flicker-free technology | ✔ |
| Low Blue Light technology | ✔ |

## Multimedia

| | |
|---|---|
| Number of speakers | 2 |
| RMS rated power | 5 W |
| Built-in speaker(s) * | ✔ |
| Megapixel (approx.) | 5 MP |
| Built-in microphone | ✔ |
| Built-in camera * | ✔ |

## Design

| | |
|---|---|
| Product colour * | Black |
| Front bezel colour | Black |
| Feet colour | Black |

## Ports & interfaces

| | |
|---|---|
| Built-in USB hub * | ✔ |
| USB hub version | 3.2 Gen 2 (3.1 Gen 2) |
| Number of USB Type-B upstream ports quantity | 1 |
| USB Type-A downstream ports quantity | 4 |
| USB Type-C downstream ports quantity | 1 |
| HDMI * | ✔ |
| HDMI ports quantity | 2 |
| HDMI version | 2.0 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.4 |
| Thunderbolt 4 ports quantity | 1 |
| Audio output | ✔ |
| HDCP | ✔ |
| HDCP version | 1.4/2.2 |

## Network

| | |
|---|---|
| Ethernet LAN | ✔ |

## Ergonomics

| | |
|---|---|
| VESA mounting * | ✔ |
| Panel mounting interface | 100 x 100 mm |

## Power

| | |
|---|---|
| European Product Registry for Energy Labelling (EPREL) code | 1550844 |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 40 °C |
| Storage temperature (T-T) | -20 - 60 °C |
| Operating relative humidity (H-H) | 20 - 80% |
| Operating altitude | 0 - 3658 m |
| Non-operating altitude | 0 - 12192 m |

## Weight & dimensions

| | |
|---|---|
| Width (with stand) | 948 mm |
| Depth (with stand) | 236 mm |
| Height (with stand) | 605 mm |
| Weight (with stand) | 13.5 kg |
| Width (without stand) | 948 mm |
| Depth (without stand) | 109 mm |
| Height (without stand) | 426 mm |
| Weight (without stand) | 10.3 kg |

## Packaging data

| | |
|---|---|
| Package width | 1150 mm |
| Package depth | 211 mm |
| Package height | 565 mm |
| Package weight | 17.2 kg |

## Packaging content

| | |
|---|---|
| Stand included | ✔ |
| Manual | ✔ |
| Bundled software | SmartControl |

## Sustainability

| | |
|---|---|
| Doesn't contain | Mercury, PVC/BFR |

## Other features

| | |
|---|---|
| Picture-by-Picture (PbP) | ✔ |
| Exterior finish type | Textured |
| Picture enhancement | SmartImage |
| Recyclable packaging material | 100% |
| Regulatory Approvals | CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eyesafe certified; cETLus |
| Delta E | 2 |
| EasyRead mode | ✔ |
| Philips SmartUniformity | 93 - 105% |
| 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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