PHILIPS

Philips 6000 series 40B1U6903CH LED display 100.8 cm (39.7") 5120 x 2160 pixels 5K Ultra HD LCD Black

Brand : Philips   **Product family:** 6000 series   **Product code:** 40B1U6903CH

Product name : 40B1U6903CH

6000 series 5K2K UltraWide Thunderbolt™ monitor

Philips 6000 series 40B1U6903CH LED display 100.8 cm (39.7") 5120 x 2160 pixels 5K Ultra HD LCD Black:

The Philips Thunderbolt™ 4 monitor delivers a secure, reliable one-cable docking solution, delivering sharp images, with a noise cancelling mic that lets people hear you properly. Windows Hello Webcam for quick access and strong security.
Philips 6000 series 40B1U6903CH. 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
Contrast ratio (dynamic)	80000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	75 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
Horizontal scan range	30 - 140 kHz
Vertical scan range	30 - 60 Hz
Viewable size, horizontal	92.9 cm
Viewable size, vertical	39.2 cm
Digital horizontal frequency	30 - 170 kHz
Digital vertical frequency	48 - 75 Hz
Display diagonal (metric)	100.9 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
RGB colour space	DCI-P3

Ports & interfaces

HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Thunderbolt 4 ports quantity	1
Audio output	✔
Microphone in	✔
Built-in KVM switch	✔
HDCP	✔
HDCP version	1.4/2.2

Network

Ethernet LAN	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Height adjustment	15 cm
Swivelling	✔
Swivel angle range	-45 - 45°
Tilt angle range	-5 - 15°
Picture-in-Picture	✔
On Screen Display (OSD)	✔
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
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

Power

Power consumption (typical) *	58.3 W
Power consumption (standby) *	0.44 W

Display

Colour gamut	98%
sRGB coverage (typical)	134%
NTSC coverage (typical)	113%
Display sRGB	✔

Performance

NVIDIA G-SYNC *	✖
AMD FreeSync *	✖
Fast charging	✔
Fast charging technology	Power Delivery
VESA Adaptive Sync support	✔
Component video sync	Separate sync
Flicker-free technology	✔
Low Blue Light technology	✔
HBR3 support	✔
Compatible operating systems	Mac OS X Windows 11 / 10 / 8.1 / 8

Multimedia

Built-in speaker(s) *	✔
Built-in camera *	✔
Number of speakers	2
RMS rated power	10 W
Megapixel (approx.)	5 MP
Built-in microphone	✔

Design

Market positioning *	Business
Product colour *	Black
Front bezel colour	Black
Feet colour	Black
Heavy metals free	Hg (mercury)

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 2 (3.1 Gen 2)
USB upstream port type	USB Type-B
Number of upstream ports	2
Number of USB Type-B upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Power Delivery up to	90 W

Power

Power consumption (PowerSave)	44.6 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal

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	3658 - 12192 m

Packaging content

Bundled software	SmartControl

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

Sustainability

Sustainability compliance	✔
Sustainability certificates	CB, CE, ENERGY STAR, Federal Communications Commission (FCC), RoHS, TCO, TUV
Doesn't contain	Mercury, PVC/BFR

Recycling data

Post-consumer recycled plastic	85%

Other features

Picture-by-Picture (PbP)	✔
Exterior finish type	Textured
Picture enhancement	SmartImage
Recyclable packaging material	100%
Delta E	2
SoftBlue	✔
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	✔