

**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

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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		Ports & interfaces	
Display diagonal *	100.8 cm (39.7")	HDMI *	✓
Display resolution *	5120 x 2160 pixels	HDMI ports quantity	2
HD type *	5K Ultra HD	HDMI version	2.0
Native aspect ratio *	21:9	DisplayPorts quantity	1
Display technology *	LCD	DisplayPort version	1.4
Panel type *	IPS	Thunderbolt 4 ports quantity	1
Backlight type	W-LED	Audio output	✓
Touchscreen *	✗	Microphone in	✓
Display brightness (typical)	300 cd/m²	Built-in KVM switch	✓
Response time	4 ms	HDCP	✓
Anti-glare screen	✓	HDCP version	1.4/2.2
Screen shape *	Curved	<b>Network</b>	
Screen curvature rating	2500R	Ethernet LAN	✓
Contrast ratio (typical) *	1000:1	<b>Ergonomics</b>	
Contrast ratio (dynamic)	80000000:1	VESA mounting *	✓
Dynamic contrast ratio marketing name	SmartContrast	Panel mounting interface	100 x 100 mm
Maximum refresh rate *	75 Hz	Cable lock slot *	✓
Viewing angle, horizontal	178°	Cable lock slot type	Kensington
Viewing angle, vertical	178°	Height adjustment *	✓
Display number of colours *	1.07 billion colours	Height adjustment	15 cm
Pixel pitch	0.1815 x 0.1815 mm	Swivelling	✓
Pixel density	140 ppi	Swivel angle range	-45 - 45°
Horizontal scan range	30 - 140 kHz	Tilt angle range	-5 - 15°
Vertical scan range	30 - 60 Hz	Picture-in-Picture	✓
Viewable size, horizontal	92.9 cm	On Screen Display (OSD)	✓
Viewable size, vertical	39.2 cm	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
Digital horizontal frequency	30 - 170 kHz	Number of OSD languages	21
Digital vertical frequency	48 - 75 Hz	Plug and Play	✓
Display diagonal (metric)	100.9 cm	LED indicators	Operation, Stand-by
High Dynamic Range (HDR) supported	✓	<b>Power</b>	
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Power consumption (typical) *	58.3 W
DDC/CI	✓	Power consumption (standby) *	0.44 W
Haze rate	25%	Power consumption (PowerSave)	44.6 W
Surface hardness	3H	AC input voltage	100 - 240 V
RGB colour space	DCI-P3		
Colour gamut	98%		
sRGB coverage (typical)	134%		

<b>Display</b>		<b>Power</b>	
NTSC coverage (typical)	113%	AC input frequency	50/60 Hz
Display sRGB	✓	Power supply type	Internal
<b>Performance</b>		<b>Operational conditions</b>	
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	<b>Packaging content</b>	
Flicker-free technology	✓	Bundled software	SmartControl
Low Blue Light technology	✓	<b>Weight &amp; dimensions</b>	
HBR3 support	✓	Width (with stand)	948 mm
Compatible operating systems	Mac OS X Windows 11 / 10 / 8.1 / 8	Depth (with stand)	236 mm
<b>Multimedia</b>		Height (with stand)	605 mm
Built-in speaker(s) *	✓	Weight (with stand)	13.5 kg
Built-in camera *	✓	Width (without stand)	948 mm
Number of speakers	2	Depth (without stand)	109 mm
RMS rated power	10 W	Height (without stand)	426 mm
Megapixel (approx.)	5 MP	Weight (without stand)	10.3 kg
Built-in microphone	✓	<b>Packaging data</b>	
<b>Design</b>		Package width	1150 mm
Market positioning *	Business	Package depth	211 mm
Product colour *	Black	Package height	565 mm
Front bezel colour	Black	Package weight	17.2 kg
Feet colour	Black	<b>Sustainability</b>	
Heavy metals free	Hg (mercury)	Sustainability compliance	✓
<b>Ports &amp; interfaces</b>		Sustainability certificates	CB, CE, ENERGY STAR, Federal Communications Commission (FCC), RoHS, TCO, TUV
Built-in USB hub *	✓	Doesn't contain	Mercury, PVC/BFR
USB hub version	3.2 Gen 2 (3.1 Gen 2)	<b>Recycling data</b>	
USB upstream port type	USB Type-B	Post-consumer recycled plastic	85%
Number of upstream ports	2	<b>Other features</b>	
Number of USB Type-B upstream ports quantity	1	Picture-by-Picture (PbP)	✓
USB Type-A downstream ports quantity	4	Exterior finish type	Textured
USB Type-C downstream ports quantity	1	Picture enhancement	SmartImage
USB Type-C DisplayPort Alternate Mode	✓	Recyclable packaging material	100%
USB Power Delivery	✓	Delta E	2
USB Power Delivery up to	90 W	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	✓

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