



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")	Thunderbolt 4 ports quantity	1
Display resolution *	5120 x 2160 pixels	Audio output	✓
HD type *	5K Ultra HD	Microphone in	✓
Native aspect ratio *	21:9	Built-in KVM switch	✓
Display technology *	LCD	HDCP	✓
Panel type *	IPS	HDCP version	1.4/2.2
Backlight type	W-LED	Network	
Touchscreen *	✗	Ethernet LAN	✓
Display brightness (typical)	300 cd/m ²	Ergonomics	
Response time *	4 ms	VESA mounting *	✓
Anti-glare screen	✓	Panel mounting interface	100 x 100 mm
Screen shape *	Curved	Cable lock slot *	✓
Screen curvature rating	2500R	Cable lock slot type	Kensington
Contrast ratio (typical) *	1000:1	Height adjustment *	✓
Contrast ratio (dynamic)	80000000:1	Height adjustment	15 cm
Dynamic contrast ratio marketing name	SmartContrast	Swivelling	✓
Maximum refresh rate *	75 Hz	Swivel angle range	-45 - 45°
Viewing angle, horizontal	178°	Tilt angle range	-5 - 15°
Viewing angle, vertical	178°	Picture-in-Picture	✓
Display number of colours *	1.07 billion colours	On Screen Display (OSD)	✓
Pixel pitch	0.1815 x 0.1815 mm	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
Pixel density	140 ppi	Number of OSD languages	21
Horizontal scan range	30 - 140 kHz	Plug and Play	✓
Vertical scan range	30 - 60 Hz	LED indicators	Operation, Stand-by
Viewable size, horizontal	92.9 cm	Power	
Viewable size, vertical	39.2 cm	Power consumption (typical) *	58.3 W
Digital horizontal frequency	30 - 170 kHz	Power consumption (standby) *	0.44 W
Digital vertical frequency	48 - 75 Hz	Power consumption (PowerSave)	44.6 W
Display diagonal (metric)	100.9 cm	AC input voltage	100 - 240 V
High Dynamic Range (HDR) supported	✓	AC input frequency	50/60 Hz
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Power supply type	Internal
DDC/CI	✓		
Haze rate	25%		
Surface hardness	3H		
Colour gamut standard	DCI-P3		

Display		Power	
Colour gamut	98%	European Product Registry for Energy Labelling (EPREL) code	1550844
sRGB coverage (typical)	134%	Operational conditions	
NTSC coverage (typical)	113%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	Storage temperature (T-T)	-20 - 60 °C
Performance		Operating relative humidity (H-H)	20 - 80%
NVIDIA G-SYNC *	✗	Operating altitude	0 - 3658 m
AMD FreeSync *	✗	Non-operating altitude	3658 - 12192 m
Fast charging	✓	Weight & dimensions	
Fast charging technology	Power Delivery	Width (with stand)	948 mm
VESA Adaptive Sync support	✓	Depth (with stand)	236 mm
Component video sync	Separate sync	Height (with stand)	605 mm
Flicker-free technology	✓	Weight (with stand)	13.5 kg
Low Blue Light technology	✓	Width (without stand)	948 mm
Multimedia		Depth (without stand)	109 mm
Number of speakers	2	Height (without stand)	426 mm
RMS rated power	10 W	Weight (without stand)	10.3 kg
Built-in speaker(s) *	✓	Packaging data	
Megapixel (approx.)	5 MP	Package width	1150 mm
Built-in microphone	✓	Package depth	211 mm
Built-in camera *	✓	Package height	565 mm
Design		Package weight	17.2 kg
Market positioning *	Business	Packaging content	
Product colour *	Black	Bundled software	SmartControl
Front bezel colour	Black	Sustainability	
Feet colour	Black	Sustainability compliance	✓
Ports & interfaces		Sustainability certificates	ENERGY STAR, TCO
Built-in USB hub *	✓	Doesn't contain	Mercury, PVC/BFR
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Other features	
USB upstream port type	USB Type-B	HBR3 support	✓
Number of upstream ports	2	Compatible operating systems	Mac OS X Windows 11 / 10 / 8.1 / 8
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	✓	Heavy metals free	Hg (mercury)
USB Power Delivery up to	90 W	Delta E	2
HDMI *	✓	SoftBlue	✓
HDMI ports quantity	2	EasyRead mode	✓
HDMI version	2.0	Philips SmartUniformity	93 - 105%
DisplayPorts quantity	1	Compliance certificates	CB, CE, Federal Communications Commission (FCC), RoHS, cTUVus
DisplayPort version	1.4	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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