

Philips 5000 series 40B1U5601H/00 computer monitor 101.6 cm (40") 3440 x 1440 pixels Wide Quad HD LCD Black

Brand : Philips

Product family: 5000 series

Product code: 40B1U5601H/00

Product name :
40B1U5601H/00



UltraWide LCD monitor with USB-C docking

Philips 5000 series 40B1U5601H/00 computer monitor 101.6 cm (40") 3440 x 1440 pixels Wide Quad HD LCD Black:

This USB-C monitor is for data transfer, power delivery and watching videos. The integrated 5 MP webcam delivers sharp images, and the noise cancelling mic lets people hear you fine. Windows Hello Webcam for quick access and strong security.

Philips 5000 series 40B1U5601H/00. Display diagonal: 101.6 cm (40"), Display resolution: 3440 x 1440 pixels, HD type: Wide Quad 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 *	101.6 cm (40")	DisplayPort output	✓
Display resolution *	3440 x 1440 pixels	Network	
HD type *	Wide Quad HD	Ethernet LAN	✓
Native aspect ratio *	21:9	Ergonomics	
Display technology *	LCD	VESA mounting *	✓
Panel type *	IPS	Panel mounting interface	100 x 100 mm
Backlight type	W-LED	Cable lock slot *	✓
Touchscreen *	✗	Cable lock slot type	Kensington
Display brightness (typical)	300 cd/m ²	Height adjustment *	✓
Response time	4 ms	Height adjustment	15 cm
Anti-glare screen	✓	Swivelling	✓
Screen shape *	Flat	Swivel angle range	-180 - 180°
Contrast ratio (typical) *	1200:1	Tilt angle range	-5 - 30°
Contrast ratio (dynamic)	50000000:1	Picture-in-Picture	✓
Dynamic contrast ratio marketing name	SmartContrast	On Screen Display (OSD)	✓
Maximum refresh rate *	100 Hz	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
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	16.7 million colours	Power	
Pixel pitch	0.26925 x 0.26925 mm	Energy efficiency class (SDR) *	G
Pixel density	94 ppi	Energy efficiency class (HDR) *	G
Horizontal scan range	30 - 160 kHz	Energy consumption (SDR) per 1000 hours *	41 kWh
Vertical scan range	48 - 100 Hz	Energy consumption (HDR) per 1000 hours *	60 kWh
Viewable size, horizontal	92.6 cm		
Viewable size, vertical	38.8 cm		
Digital horizontal frequency	30 - 190 kHz		
Digital vertical frequency	48 - 120 Hz		
Display diagonal (metric)	100.4 cm		

Display		Power	
High Dynamic Range (HDR) supported	✓	Power consumption (typical) *	40.2 W
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Power consumption (standby) *	0.4 W
DDC/CI	✓	Power consumption (PowerSave)	31.4 W
Haze rate	25%	AC input voltage	100 - 240 V
Surface hardness	3H	AC input frequency	50 - 60 Hz
Colour depth	8 bit	Power supply type	Internal
RGB colour space	sRGB	Energy efficiency scale	A to G
sRGB coverage (typical)	121%	Operational conditions	
NTSC coverage (typical)	102%	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	✓	Packaging content	
Fast charging technology	Power Delivery	Stand included	✓
Component video sync	Separate sync	Cables included	HDMI, DisplayPort, USB Type-C, AC
Flicker-free technology	✓	Manual	✓
Low Blue Light technology	✓	Bundled software	SmartControl
HBR3 support	✓	Weight & dimensions	
Compatible operating systems	Mac OS X Windows 11 / 10 / 8.1 / 8 / 7	Width (with stand)	944 mm
Multimedia		Depth (with stand)	280 mm
Built-in speaker(s) *	✓	Height (with stand)	628 mm
Built-in camera *	✓	Weight (with stand)	14.1 kg
Number of speakers	2	Width (without stand)	944 mm
RMS rated power	10 W	Depth (without stand)	54 mm
Megapixel (approx.)	5 MP	Height (without stand)	419 mm
Built-in microphone	✓	Weight (without stand)	9.9 kg
Design		Packaging data	
Market positioning *	Business	Package width	1070 mm
Product colour *	Black	Package depth	226 mm
Front bezel colour	Black	Package height	507 mm
Feet colour	Black	Package weight	17.8 kg
Ports & interfaces		Sustainability	
Built-in USB hub *	✓	Sustainability compliance	✓
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Sustainability certificates	ENERGY STAR, RoHS
USB upstream port type	USB Type-C	Doesn't contain	Mercury, PVC/BFR
Number of upstream ports	2	European Product Registry for Energy Labelling (EPREL) code	1389949
Number of USB Type-C upstream ports quantity	2	Recycling data	
USB Type-A downstream ports quantity	4	Post-consumer recycled plastic	85%
USB Type-C downstream ports quantity	1	Other features	
USB Type-C DisplayPort Alternate Mode	✓	Picture-by-Picture (PbP)	✓
USB Power Delivery	✓	Exterior finish type	Textured
USB Power Delivery up to	100 W	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	1	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; SEMKO; TUV Ergo; TUV/GS; cETLus
HDMI version	2.0	Delta E	2
DisplayPorts quantity	1	Light sensor	✓
DisplayPort version	1.4	EasyRead mode	✓
Audio output	✓	LowBlue mode	✓
HDCP	✓	Philips SmartUniformity	93 - 105%
HDCP version	1.4/2.2	Mean time between failures (MTBF)	70000 h
		Ethernet LAN data rates	10,100,1000 Mbit/s
		Wake-on-LAN	✓



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