PHILIPS

Philips 5000 series 40B1U5600/00 computer monitor 101.6 cm (40") 3440 x 1440 pixels Wide Quad HD LCD Black

Brand : Philips **Product family:** 5000 series **Product code:** 40B1U5600/00

Product name : 40B1U5600/00

Business Monitor 40B1U5600 UltraWide LCD monitor with USB-C

Philips 5000 series 40B1U5600/00 computer monitor 101.6 cm (40") 3440 x 1440 pixels Wide Quad HD LCD Black:

This Philips USB-C multi-purpose monitor offers clutter-free setup. With a single cable you can view smooth, high-resolution video, transfer data and charge your laptop. The headphone holder brings cable management to the next level.
Philips 5000 series 40B1U5600/00. 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 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display	
Display diagonal *	101.6 cm (40")
Display resolution *	3440 x 1440 pixels
HD type *	Wide Quad HD
Native aspect ratio *	21:9
Display technology *	LCD
Panel type *	IPS
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	500 cd/m²
Response time *	4 ms
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	1200:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	100 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.26925 x 0.26925 mm
Pixel density	94 ppi
Horizontal scan range	30 - 160 kHz
Vertical scan range	48 - 100 Hz
Viewable size, horizontal	92.6 cm
Viewable size, vertical	38.8 cm
Digital horizontal frequency	30 - 190 kHz
Digital vertical frequency	48 - 120 Hz

Ports & interfaces	
HDCP version	2.2

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	15 cm
Swivelling	✔
Swivel angle range	-180 - 180°
Tilt adjustment	✔
Tilt angle range	-5 - 30°
Picture-in-Picture	✔
On Screen Display (OSD)	✔
On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Plug and Play	✔
LED indicators	Operation, Stand-by

Power	
Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	39 kWh

Display

High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour depth	8 bit
Colour gamut standard	sRGB, NTSC
Colour gamut	102%
sRGB coverage (typical)	121%
NTSC coverage (typical)	102%
Display sRGB	✔
Display panel size	40 inch

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	✔

Multimedia

Number of speakers	2
RMS rated power	10 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Business
Product colour *	Black
Front bezel colour	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B, USB Type-C
Number of upstream ports	2
Number of USB Type-B upstream ports quantity	1
Number of USB Type-C 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 PD)	✔
USB Power Delivery up to	100 W
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	✔
HDCP	✔

Power

Energy consumption (HDR) per 1000 hours *	70 kWh
Power consumption (typical) *	36 W
Power consumption (standby) *	0.4 W
Power consumption (off)	0 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

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)	944 mm
Depth (with stand)	280 mm
Height (with stand)	628 mm
Weight (with stand)	13.9 kg
Width (without stand)	944 mm
Depth (without stand)	54 mm
Height (without stand)	419 mm
Weight (without stand)	9.72 kg

Packaging data

Package width	1070 mm
Package depth	226 mm
Package height	507 mm
Package weight	17.6 kg

Packaging content

Stand included	✔
Cables included	HDMI, DisplayPort, USB Type-C, AC
Manual	✔
Bundled software	SmartControl

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR
Doesn't contain	Mercury, PVC/BFR

Other features

HBR3 support	✔
Compatible operating systems	Mac OS X; Windows 11/10/8.1/8/7
Picture-by-Picture (PbP)	✔
Exterior finish type	Textured
Monitor sync input signal	Separate Sync
User controls	KVM; SmartImage; Input; User; Menu; Power On/Off
Picture enhancement	SmartImage
MultiView	PIP/PBP mode; 2 x devices
Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; SEMKO; TUV Ergo; TUV/GS; cETLus
Delta E	2
Light sensor	✔
EasyRead mode	✔
LowBlue mode	✔
Philips SmartUniformity	93 - 105%
Compliance certificates	RoHS

Other features	
Mean time between failures (MTBF)	70000 h
Recycling data	
Packaging recyclability rate	100%
Product post-consumer recycled plastic	85%

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Catalog Object Cloud

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