PHILIPS

Philips 3000 series 27B2U3601/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black



Brand : Philips **Product family:** 3000 series **Product code:** 27B2U3601/00

Product name : 27B2U3601/00

Business Monitor 27B2U3601 LCD monitor with USB-C

Philips 3000 series 27B2U3601/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

Speed through daily tasks in comfort with this monitor's SoftBlue technology, Quad HD resolution, and 120Hz refresh rate. Not to mention, SmartErgoBase adds an ergonomic touch to the monitor's feature list.
Philips 3000 series 27B2U3601/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 16:9, 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 *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	350 cd/m²
Response time *	4 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	1500:1
Contrast ratio (dynamic)	50000000:1
Maximum refresh rate *	120 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.2331 x 0.2331 mm
Pixel density	109 ppi
Horizontal scan range	30 - 230 kHz
Vertical scan range	48 - 120 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 230 kHz
Digital vertical frequency	48 - 120 Hz
Display diagonal (metric)	68.5 cm

Ergonomics	
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	15 cm
Pivot	✔
Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-180 - 180°
Tilt adjustment	✔
Tilt angle range	-5 - 30°
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) *	D
Energy efficiency class (HDR) *	Not available
Energy consumption (SDR) per 1000 hours *	16 kWh
Power consumption (typical) *	23.43 W
Power consumption (standby) *	0.35 W
Power consumption (off)	0.3 W

Display	
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB, NTSC
sRGB coverage (typical)	125%
NTSC coverage (typical)	114%
Display sRGB	✔
Display panel size	27 inch / 68.5 cm

Performance	
NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
VESA Adaptive Sync support	✔
Component video sync	Separate Sync, Sync-on-green (SOG)
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia	
Number of speakers	2
RMS rated power	4 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design	
Market positioning *	Office
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)
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	90 W
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort out quantity	1
DisplayPort out version	1.4
Audio output	✔
HDCP	✔
HDCP version	2.3

Network	
Ethernet LAN	✔

Ergonomics	
VESA mounting *	✔

Power	
Power consumption (PowerSave)	13.8 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)	615 mm
Depth (with stand)	229 mm
Height (with stand)	540 mm
Weight (with stand)	6.44 kg
Width (without stand)	615 mm
Depth (without stand)	46 mm
Height (without stand)	361 mm
Weight (without stand)	4.77 kg

Packaging data	
Package width	730 mm
Package depth	139 mm
Package height	445 mm
Package weight	9.17 kg

Packaging content	
Stand included	✔
Cables included	DisplayPort, HDMI, Power, USB Type-C to USB Type-C
Manual	✔
Bundled software	SmartControl, SmartManagement

Sustainability	
Sustainability certificates	ENERGY STAR, EPEAT, TCO
Doesn't contain	PVC/BFR

Other features	
HBR3 support	✔
Compatible operating systems	DDC/CI, Mac OS, sRGB, Windows 11 / 10
Exterior finish type	Textured
Monitor sync input signal	Separate Sync, Sync on Green
User controls	SmartImage, Input, Brightness, Menu, Power On/Off
Picture enhancement	SmartImage
Regulatory Approvals	CB, CE Mark, TUV/GS, TUV Ergo, TCO Certified, TCO Certified Edge, EAC, EAC ROHS, MEPS, UKCA, EMF, FCC, ICES-003, TÜV Rheinland Low Blue Light (Hardware Solution), eyesafe® CERTIFIED 2.0
SoftBlue	✔
EasyRead mode	✔
Compliance certificates	CB, CE, EAC, EMF, Federal Communications Commission (FCC), ICES, Minimum Energy Performance Standards (MEPS), RoHS, TÜV mark, UKCA

Recycling data	
Packaging recyclability rate	100%
Product post-consumer recycled plastic	85%

Logistics data	
Export Control Classification Number (ECCN)	EAR99

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