

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		Ergonomics	
Display diagonal *	68.6 cm (27")	Panel mounting interface	100 x 100 mm
Display resolution *	2560 x 1440 pixels	Cable lock slot *	✓
HD type *	Quad HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LCD	Adjustable height (max)	15 cm
Panel type *	IPS	Pivot	✓
LED backlight	✓	Pivot angle	-90 - 90°
Backlight type	W-LED	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-180 - 180°
Display brightness (typical)	350 cd/m²	Tilt adjustment	✓
Response time *	4 ms	Tilt angle range	-5 - 30°
Response time measurement type	GTG (Gray to Gray)	On Screen Display (OSD)	✓
Anti-glare screen	✓	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
Screen shape *	Flat		
Contrast ratio (typical) *	1500:1		
Contrast ratio (dynamic)	50000000:1		
Maximum refresh rate *	120 Hz	Plug and Play	✗
Viewing angle, horizontal	178°	LED indicators	Operation, Stand-by
Viewing angle, vertical	178°	Power	
Display number of colours *	16.7 million colours	Energy efficiency class (SDR) *	D
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (HDR) *	Not available
Pixel density	109 ppi	Energy consumption (SDR) per 1000 hours *	16 kWh
Horizontal scan range	30 - 230 kHz	Power consumption (typical) *	23.43 W
Vertical scan range	48 - 120 Hz	Power consumption (standby) *	0.35 W
Viewable size, horizontal	59.7 cm	Power consumption (off)	0.3 W
Viewable size, vertical	33.6 cm		
Digital horizontal frequency	30 - 230 kHz		
Digital vertical frequency	48 - 120 Hz		
Display diagonal (metric)	68.5 cm		

Display		Power	
DDC/CI	✓	Power consumption (PowerSave)	13.8 W
Haze rate	25%	AC input voltage	100 - 240 V
Surface hardness	3H	AC input frequency	50/60 Hz
Colour gamut standard	sRGB, NTSC	Power supply type	Internal
sRGB coverage (typical)	125%	Energy efficiency scale	A to G
NTSC coverage (typical)	114%	Operational conditions	
Display sRGB	✓	Operating temperature (T-T)	0 - 40 °C
Display panel size	27 inch / 68.5 cm	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	0 - 12192 m
VESA Adaptive Sync support	✓	Weight & dimensions	
Component video sync	Separate Sync, Sync-on-green (SOG)	Width (with stand)	615 mm
Flicker-free technology	✓	Depth (with stand)	229 mm
Low Blue Light technology	✓	Height (with stand)	540 mm
Multimedia		Weight (with stand)	6.44 kg
Number of speakers	2	Width (without stand)	615 mm
RMS rated power	4 W	Depth (without stand)	46 mm
Built-in speaker(s) *	✓	Height (without stand)	361 mm
Built-in camera *	✗	Weight (without stand)	4.77 kg
Design		Packaging data	
Market positioning *	Office	Package width	730 mm
Product colour *	Black	Package depth	139 mm
Front bezel colour	Black	Package height	445 mm
Feet colour	Black	Package weight	9.17 kg
Ports & interfaces		Packaging content	
Built-in USB hub *	✓	Stand included	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Cables included	DisplayPort, HDMI, Power, USB Type-C to USB Type-C
Number of USB Type-C upstream ports quantity	1	Manual	✓
USB Type-A downstream ports quantity	4	Bundled software	SmartControl
USB Type-C DisplayPort Alternate Mode	✓	Sustainability	
USB Power Delivery (USB PD)	✓	Sustainability certificates	ENERGY STAR, EPEAT, TCO
USB Power Delivery up to	90 W	Doesn't contain	PVC/BFR
HDMI *	✓	Other features	
HDMI ports quantity	1	HBR3 support	✓
HDMI version	2.0	Compatible operating systems	DDC/CI, Mac OS, sRGB, Windows 11 / 10
DisplayPorts quantity	1	Exterior finish type	Textured
DisplayPort out quantity	1	Monitor sync input signal	Separate Sync, Sync on Green
DisplayPort out version	1.4	User controls	SmartImage, Input, Brightness, Menu, Power On/Off
Audio output	✓	Picture enhancement	SmartImage
HDCP	✓	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
HDCP version	2.2		
Network			
Ethernet LAN	✓	SoftBlue	✓
Ergonomics		EasyRead mode	✓
VESA mounting *	✓	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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Catalog Object Cloud



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