

## Philips 5000 series 27B2G5601/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

**Brand :** Philips

**Product family:** 5000 series

**Product code:** 27B2G5601/00

**Product name :** 27B2G5601/00

Business Monitor 27B2G5601 LCD monitor

Philips 5000 series 27B2G5601/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

This monitor is built for energy efficiency. With its LightSensor and PowerSensor 2, these two features combine to make a power-saving monitor that is equipped with many other features designed to facilitate work tasks.

Philips 5000 series 27B2G5601/00. 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 2 (3.1 Gen 2). 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)	300 cd/m²	Tilt adjustment	✓
Response time *	4 ms	Tilt angle range	-5 - 30°
Response time measurement type	GTG (Gray to Gray)	Picture-in-Picture	✓
Anti-glare screen	✓	On Screen Display (OSD)	✓
Screen shape *	Flat	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
Contrast ratio (typical) *	1500:1		
Contrast ratio (dynamic)	50000000:1		
Dynamic contrast ratio marketing name	SmartContrast	Number of OSD languages	21
Maximum refresh rate *	100 Hz	Plug and Play	✓
Viewing angle, horizontal	178°	LED indicators	Operation, Stand-by
Viewing angle, vertical	178°	<b>Power</b>	
Display number of colours *	16.7 million colours	Energy efficiency class (SDR) *	C
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (HDR) *	Not available
Pixel density	109 ppi	Energy consumption (SDR) per 1000 hours *	13 kWh
Horizontal scan range	48 - 100 kHz	Power consumption (typical) *	16.02 W
Vertical scan range	30 - 150 Hz	Power consumption (standby) *	0.3 W
Viewable size, horizontal	59.7 cm		
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.6 cm		

Display		Power	
DDC/CI	✓	Power consumption (off)	0.3 W
Haze rate	25%	Power consumption (PowerSave)	12.7 W
Surface hardness	3H	AC input voltage	100 - 240 V
Colour depth	8 bit	AC input frequency	50/60 Hz
Colour gamut standard	NTSC, sRGB	Power supply type	Internal
sRGB coverage (typical)	110%	Energy efficiency scale	A to G
NTSC coverage (typical)	94%	Operational conditions	
Display sRGB	✓	Operating temperature (T-T)	0 - 40 °C
Performance		Storage temperature (T-T)	-20 - 60 °C
NVIDIA G-SYNC *	✗	Operating relative humidity (H-H)	20 - 80%
AMD FreeSync *	✗	Operating altitude	0 - 3658 m
Component video sync	Separate sync, Sync-on-green (SOG)	Non-operating altitude	3658 - 12192 m
Flicker-free technology	✓	Weight & dimensions	
Low Blue Light technology	✓	Width (with stand)	614 mm
Multimedia		Depth (with stand)	235 mm
Number of speakers	2	Height (with stand)	543 mm
RMS rated power	6 W	Weight (with stand)	7.19 kg
Built-in speaker(s) *	✓	Width (without stand)	614 mm
Built-in camera *	✗	Depth (without stand)	58 mm
Design		Height (without stand)	368 mm
Market positioning *	Business	Weight (without stand)	5.43 kg
Product colour *	Black	Packaging data	
Front bezel colour	Black	Package width	730 mm
Feet colour	Silver	Package depth	159 mm
Ports & interfaces		Package height	445 mm
Built-in USB hub *	✓	Package weight	10.3 kg
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Packaging content	
USB upstream port type	USB Type-C	Stand included	✓
Number of USB Type-C upstream ports quantity	2	Cables included	AC, Audio, DisplayPort, HDMI, USB Type-C to USB Type-C
USB Type-A downstream ports quantity	4	Manual	✓
USB Type-C downstream ports quantity	1	Sustainability	
USB Type-C DisplayPort Alternate Mode	✓	Sustainability certificates	ENERGY STAR, EPEAT
USB Power Delivery (USB PD)	✓	Doesn't contain	Mercury, PVC/BFR
USB Power Delivery up to	15 W	Other features	
HDMI *	✓	HBR3 support	✓
HDMI ports quantity	1	Picture-by-Picture (PbP)	✓
HDMI version	2.0	Exterior finish type	Textured
DisplayPorts quantity	1	Picture enhancement	SmartImage
DisplayPort version	1.4	Recyclable packaging material	100%
Audio output	✓	Regulatory Approvals	CB, CE Mark, TUV/GS, TUV Ergo, TCO Certified, EAC, EAEU RoHS, UKCA, EMF, FCC, ICES-003, TUV Eyesafe certified
HDCP	✓	Heavy metals free	Hg (mercury)
HDCP version	1.4/2.0	Adaptive synchronisation	✓
Network		EasyRead mode	✓
Ethernet LAN	✓	LowBlue mode	✓
Ergonomics		(cdm) Software / function	SmartControl
VESA mounting *	✓	Compliance certificates	RoHS
		Mean time between failures (MTBF)	70000 h
		Recycling data	
		Post-consumer recycled plastic	85%



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