

**Philips 5000 series 27B1U5601H/00 LED display 68.6 cm (27")  
2560 x 1440 pixels Quad HD LCD Black**

**Brand :** Philips

**Product family:** 5000 series

**Product code:** 27B1U5601H/00

**Product name :**  
27B1U5601H/00

Business Monitor 27B1U5601H LCD monitor with USB-C docking

Philips 5000 series 27B1U5601H/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

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

Philips 5000 series 27B1U5601H/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**

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
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	350 cd/m <sup>2</sup>
Response time *	4 ms
Anti-glare screen	✓
Screen shape *	Flat
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	75 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 - 114 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68.5 cm
DDC/CI	✓
Haze rate	25%
Surface hardness	3H
Colour depth	8 bit

**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°
Picture-in-Picture	✓
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
Plug and Play	✓
LED indicators	Operation, Stand-by

**Power**

Energy efficiency class (SDR) *	E
Energy consumption (SDR) per 1000 hours *	26 kWh
Power consumption (typical) *	21.5 W
Power consumption (standby) *	0.4 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

<b>Display</b>		<b>Power</b>	
Colour gamut standard	sRGB	European Product Registry for Energy Labelling (EPREL) code	1328271
sRGB coverage (typical)	101%	<b>Operational conditions</b>	
NTSC coverage (typical)	89%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	Storage temperature (T-T)	-20 - 60 °C
<b>Performance</b>		Operating relative humidity (H-H)	20 - 80%
NVIDIA G-SYNC *	✗	Operating altitude	0 - 3658 m
AMD FreeSync *	✗	Non-operating altitude	3658 - 12192 m
Component video sync	Separate sync	<b>Weight &amp; dimensions</b>	
Flicker-free technology	✓	Width (with stand)	613 mm
Low Blue Light technology	✓	Depth (with stand)	225 mm
<b>Multimedia</b>		Height (with stand)	537 mm
Number of speakers	2	Weight (with stand)	7.3 kg
RMS rated power	5 W	Width (without stand)	613 mm
Built-in speaker(s) *	✓	Depth (without stand)	55 mm
Megapixel (approx.)	5 MP	Height (without stand)	366 mm
Built-in microphone	✓	Weight (without stand)	5.54 kg
Built-in camera *	✓	<b>Packaging data</b>	
<b>Design</b>		Package width	730 mm
Market positioning *	Business	Package depth	193 mm
Product colour *	Black	Package height	471 mm
Front bezel colour	Black	Package weight	10.9 kg
Feet colour	Black	<b>Packaging content</b>	
<b>Ports &amp; interfaces</b>		Stand included	✓
Built-in USB hub *	✓	Cables included	HDMI, DisplayPort, USB Type-C, AC
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Manual	✓
USB upstream port type	USB Type-C	Bundled software	SmartControl
Number of upstream ports	1	<b>Sustainability</b>	
USB Type-A downstream ports quantity	4	Sustainability compliance	✓
USB Type-C downstream ports quantity	1	Sustainability certificates	ENERGY STAR, TCO
USB Type-C DisplayPort Alternate Mode	✓	Doesn't contain	Mercury, PVC/BFR
USB Power Delivery (USB PD)	✓	<b>Other features</b>	
USB Power Delivery up to	100 W	HBR3 support	✓
HDMI *	✓	Compatible operating systems	Mac OS X Windows 11 / 10 / 8.1 / 8 / 7
HDMI ports quantity	1	Picture-by-Picture (PbP)	✓
HDMI version	1.4	Exterior finish type	Textured
DisplayPorts quantity	1	Picture enhancement	SmartImage
DisplayPort version	1.4	Recyclable packaging material	100%
Headphone out *	✓	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eye Comfort certified
HDCP	✓	Light sensor	✓
HDCP version	1.4/2.2	EasyRead mode	✓
DisplayPort output	✓	LowBlue mode	✓
<b>Network</b>		Compliance certificates	RoHS
Ethernet LAN	✓	Mean time between failures (MTBF)	70000 h
<b>Ergonomics</b>		Ethernet LAN data rates	10,100,1000 Mbit/s
VESA mounting *	✓	Wake-on-LAN	✓
		<b>Recycling data</b>	
		Post-consumer recycled plastic	85%



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