

**Philips 5000 series 27B1U5601H/75 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black**

**Brand :** Philips      **Product family:** 5000 series      **Product code:** 27B1U5601H/75

**Product name :**  
27B1U5601H/75

Business Monitor 27B1U5601H LCD monitor with USB-C docking

Philips 5000 series 27B1U5601H/75 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

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

Philips 5000 series 27B1U5601H/75. 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")	VESA mounting *	✓
Display resolution *	2560 x 1440 pixels	Panel mounting interface	100 x 100 mm
HD type *	Quad HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	✓
Panel type *	IPS	Height adjustment	15 cm
Backlight type	W-LED	Pivot	✓
Touchscreen *	✗	Pivot angle	-90 - 90°
Display brightness (typical)	350 cd/m <sup>2</sup>	Swivelling	✓
Response time	4 ms	Swivel angle range	-180 - 180°
Anti-glare screen	✓	Tilt angle range	-5 - 30°
Screen shape *	Flat	Picture-in-Picture	✓
Contrast ratio (typical) *	1000:1	On Screen Display (OSD)	✓
Contrast ratio (dynamic)	50000000:1	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
Dynamic contrast ratio marketing name	SmartContrast	Plug and Play	✓
Maximum refresh rate *	75 Hz	LED indicators	Operation, Stand-by
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		
		Power	
		Energy efficiency class (SDR) *	F
		Energy efficiency class (HDR) *	Not available
		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

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



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