

PHILIPS

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

5000 series 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		Network	
Display diagonal *	68.6 cm (27")	Ethernet LAN	✓
Display resolution *	2560 x 1440 pixels	Ergonomics	
HD type *	Quad HD	VESA mounting *	✓
Native aspect ratio *	16:9	Panel mounting interface	100 x 100 mm
Display technology *	LCD	Cable lock slot *	✓
Panel type *	IPS	Cable lock slot type	Kensington
Backlight type	W-LED	Height adjustment *	✓
Touchscreen *	✗	Height adjustment	15 cm
Display brightness (typical)	350 cd/m ²	Pivot	✓
Response time	4 ms	Pivot angle	-90 - 90°
Anti-glare screen	✓	Swivelling	✓
Screen shape *	Flat	Swivel angle range	-180 - 180°
Contrast ratio (typical) *	1000:1	Tilt angle range	-5 - 30°
Contrast ratio (dynamic)	50000000:1	Picture-in-Picture	✓
Dynamic contrast ratio marketing name	SmartContrast	On Screen Display (OSD)	✓
Maximum refresh rate *	75 Hz	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
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	16.7 million colours	Power	
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (SDR) *	F
Pixel density	109 ppi	Energy efficiency class (HDR) *	Not available
Horizontal scan range	30 - 114 kHz	Energy consumption (SDR) per 1000 hours *	26 kWh
Vertical scan range	48 - 75 Hz	Power consumption (typical) *	21.5 W
Viewable size, horizontal	59.7 cm	Power consumption (standby) *	0.4 W
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.5 cm		
DDC/CI	✓		
Haze rate	25%		

Display		Power	
Surface hardness	3H	AC input voltage	100 - 240 V
Colour depth	8 bit	AC input frequency	50/60 Hz
RGB colour space	sRGB	Power supply type	Internal
sRGB coverage (typical)	101%	Energy efficiency scale	A to G
NTSC coverage (typical)	89%	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
Fast charging	✓	Non-operating altitude	3658 - 12192 m
Fast charging technology	Power Delivery	Packaging content	
Component video sync	Separate sync	Stand included	✓
Flicker-free technology	✓	Cables included	AC, HDMI, USB Type-C to USB Type-A, USB Type-C to USB Type-C
Low Blue Light technology	✓	Manual	✓
HBR3 support	✓	Bundled software	SmartControl
Compatible operating systems	Mac OS X Windows 11 / 10 / 8.1 / 8 / 7	Weight & dimensions	
Multimedia		Width (with stand)	613 mm
Built-in speaker(s) *	✓	Depth (with stand)	225 mm
Built-in camera *	✓	Height (with stand)	537 mm
Number of speakers	2	Weight (with stand)	7.3 kg
RMS rated power	10 W	Width (without stand)	61.3 cm
Megapixel (approx.)	5 MP	Depth (without stand)	5.5 cm
Built-in microphone	✓	Height (without stand)	36.6 cm
Design		Weight (without stand)	5.54 kg
Market positioning *	Business	Packaging data	
Product colour *	Black	Package width	730 mm
Front bezel colour	Black	Package depth	193 mm
Feet colour	Black	Package height	471 mm
Ports & interfaces		Package weight	10.9 kg
Built-in USB hub *	✓	Sustainability	
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Sustainability compliance	✓
USB upstream port type	USB Type-C	Sustainability certificates	ENERGY STAR, TCO, RoHS
USB Type-A downstream ports quantity	4	Doesn't contain	Mercury, PVC/BFR
USB Type-C downstream ports quantity	1	Recycling data	
USB Type-C DisplayPort Alternate Mode	✓	Post-consumer recycled plastic	85%
USB Power Delivery	✓	Other features	
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
		Wake-on-LAN	✓



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