

PHILIPS

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 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/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 ²
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

Display		Power	
Colour gamut standard	sRGB	European Product Registry for Energy Labelling (EPREL) code	1328271
sRGB coverage (typical)	101%	Operational conditions	
NTSC coverage (typical)	89%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	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	3658 - 12192 m
Component video sync	Separate sync	Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	613 mm
Low Blue Light technology	✓	Depth (with stand)	225 mm
Multimedia		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 *	✓	Packaging data	
Design		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	Packaging content	
Ports & interfaces		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	Sustainability	
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)	✓	Other features	
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	✓
Network		Compliance certificates	RoHS
Ethernet LAN	✓	Mean time between failures (MTBF)	70000 h
Ergonomics		Ethernet LAN data rates	10,100,1000 Mbit/s
VESA mounting *	✓	Wake-on-LAN	✓
		Recycling data	
		Post-consumer recycled plastic	85%



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