

Philips 27B1U5601H - 5000 Series

LED monitor - USB - 27" - 2560 x 1440 QHD @ 75 Hz - IPS - 350 cd/m² - 1000:1 - 4 ms - HDMI - DisplayPort - USB-C - speakers - black

Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	27B1U5601H/00
EAN/UPC	8712581796501



Description

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

Main features

Product Description	Philips 27B1U5601H - 5000 Series - LED monitor - QHD - 27"
Device Type	LED-backlit LCD monitor - 27"
Energy Class	Class F
KVM Switch	USB
Features	KVM Switch, Gigabit Ethernet network adapter, USB 3.2 Gen 2 hub, webcam, USB PD 100 Watt
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	QHD 2560 x 1440 at 75 Hz
Pixel Pitch	0.2331 mm
Brightness	350 cd/m ²
Contrast Ratio	1000:1 / 50000000:1 (dynamic)
Response Time	4 ms (grey-to-grey)
Colour Support	16.7 million colours (8-bit)
Colour Gamut	101% sRGB (CIE 1931), 89% NTSC (CIE 1976)
Input Connectors	HDMI, DisplayPort, USB-C
Built-in Ethernet	Yes
Audio Input	Microphone
Built-in Webcam	5 Megapixel
Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Voltage	AC 100-240 V (50/60 Hz)
Colour	Black

Dimensions (WxDxH) - with stand (highest position)	61.3 cm x 22.5 cm x 53.7 cm
Weight	7.3 kg
Environmental Standards	ENERGY STAR Qualified
Compliant Standards	Plug and Play, FCC Class B certified, TUV GS, ICES-003, SEMKO, CB, TUV Ergo, DDC/CI, CU-EAC, TUV Rheinland Eye Comfort Certification, BFR-free, HDCP 2.2, HDCP 1.4, USB Power Delivery 3.0, PVC-free, 2012/19/EU, Mercury-free, TCO Certified Edge, TUV Eye Comfort certified, EAEU RoHS

Extended details

	General
Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Class	Class F
Diagonal Size	27"
Built-in Devices	KVM Switch, Gigabit Ethernet network adapter, USB 3.2 Gen 2 hub, webcam
USB Power Delivery	100 Watt
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	QHD 2560 x 1440 at 75 Hz
Pixel Pitch	0.2331 mm
Pixel Per Inch	109
Brightness	350 cd/m ²
Contrast Ratio	1000:1 / 50000000:1 (dynamic)
Colour Support	16.7 million colours (8-bit)
Colour Gamut	101% sRGB (CIE 1931), 89% NTSC (CIE 1976)
Response Time	4 ms (grey-to-grey)
Vertical Refresh Rate	48 - 75 Hz
Horizontal Refresh Rate	30 - 114 kHz
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Backlight Technology	WLED
OSD Languages	Hungarian, Czech, Chinese (traditional), Chinese (simplified), Ukrainian, Brazilian Portuguese, English, German, French, Italian, Portuguese, Polish, Finnish, Swedish, Russian, Spanish, Dutch, Greek, Turkish, Japanese, Korean
Features	PowerSensor, MultiView, SmartImage, Smart Ergo base, integrated cable management, PBP, LightSensor, EasyRead, 3-sided bezeless, PIP support, LowBlue Mode, MultiClient KVM
Colour	Black

Dimensions (WxDxH)	61.3 cm x 22.5 cm x 53.7 cm - with stand (highest position)
Weight	7.3 kg
	Built-in Webcam
Sensor Resolution	5 Megapixel
Features	LED indicator, Windows Hello compatible
	Audio Input
Type	Microphone
Microphone Features	Noise-cancelling
	Audio
Type	Speakers - stereo
Output Power / Channel	5 Watt
	KVM
Keyboard / Mouse Interface	USB
	Connectivity
Interfaces	HDMI 1.4 DisplayPort 1.4 USB-C upstream (DisplayPort Alt Mode, data, power up to 100W) DisplayPort output USB-C 3.2 Gen 2 upstream (data only) 3 x USB 3.2 Gen 2 downstream USB 3.2 Gen 2 downstream (BC 1.2) USB-C 3.2 Gen 2 downstream (data, power up to 15W) Headphone/microphone combo jack Network (RJ-45)
	Mechanical
Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Tilt Angle	-5/+30
Swivel Angle	360
Rotation Angle	-90/+90
Height Adjustment	150 mm
VESA Mounting Interface	100 x 100 mm
	Miscellaneous
Features	Security lock slot (cable lock sold separately), 100% recyclable packaging, textured finish, 85% recycled plastic
Cables Included	HDMI cable USB-C to USB-C / USB-A cable DisplayPort cable
MTBF	70,000 hour(s)
Compliant Standards	Plug and Play, FCC Class B certified, TUV GS, ICES-003, SEMKO, CB, TUV Ergo, DDC/CI, CU-EAC, TUV Rheinland Eye Comfort Certification, BFR-free, HDCP 2.2, HDCP 1.4, USB Power Delivery 3.0, PVC-free, 2012/19/EU, Mercury-free, TCO Certified Edge, TUV Eye Comfort certified, EAEU RoHS
Security Slot Type	Kensington security slot
	Power
Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption SDR (On mode)	26 kWh/1000h

Power Consumption (Typical)	21.5 Watt
Power Consumption Stand by	0.4 Watt
Power Consumption (Off Mode)	0 Watt
On / Off Switch	Yes
Software / System Requirements	
Included Software	Philips SmartControl
Dimensions & Weight	
Dimensions & Weight Details	With stand (highest position) - width: 61.3 cm - depth: 22.5 cm - height: 53.7 cm - weight: 7.3 kg Without stand - width: 61.3 cm - depth: 5.5 cm - height: 36.6 cm - weight: 5.54 kg
Dimensions & Weight (Shipping)	
Shipping Width	73 cm
Shipping Depth	19.3 cm
Shipping Height	47.1 cm
Shipping Weight	10.88 kg
Environmental Standards	
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0
Manufacturer Warranty	
Service & Support	Germany: limited warranty - 3 years Austria: limited warranty - 3 years Switzerland: limited warranty - 3 years United Kingdom: limited warranty - 3 years
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	20 - 80%

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