

Philips 27B2U4601/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Grey

Brand : Philips

Product code: 27B2U4601/00

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Business Monitor 27B2U4601 LCD monitor with USB-C

Philips 27B2U4601/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Grey:

This monitor brings all the essentials to the table and more. With a stunning Quad HD resolution, IPS panel and USB-C connectivity, pictures stay vibrant while the connection provides high-speed data transfer.

Philips 27B2U4601/00. 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: Grey



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	Adjustable height (max)	15 cm
LED backlight	✓	Pivot	✓
Backlight type	W-LED	Pivot angle	-90 - 90°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	350 cd/m²	Swivel angle range	-180 - 180°
Response time *	4 ms	Tilt adjustment	✓
Response time measurement type	GTG (Gray to Gray)	Tilt angle range	-5 - 30°
Anti-glare screen	✓	On Screen Display (OSD)	✓
Screen shape *	Flat	On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Contrast ratio (typical) *	1500:1		
Contrast ratio (dynamic)	50000000:1		
Maximum refresh rate *	120 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 - 230 kHz		
Vertical scan range	48 - 120 Hz		
Viewable size, horizontal	59.7 cm		
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.5 cm		
DDC/CI	✓		
		Power	
		Energy efficiency class (SDR) *	C
		Energy efficiency class (HDR) *	Not available
		Energy consumption (SDR) per 1000 hours *	13 kWh
		Power consumption (typical) *	19.17 W
		Power consumption (standby) *	0.3 W
		Power consumption (off)	0 W
		Power consumption (PowerSave)	13.8 W

Display		Power	
Haze rate	25%	AC input voltage	100 - 240 V
Surface hardness	3H	AC input frequency	50/60 Hz
Colour gamut standard	sRGB, NTSC	Power supply type	Internal
Colour gamut	114%	Energy efficiency scale	A to G
sRGB coverage (typical)	125%	Operational conditions	
NTSC coverage (typical)	114%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	Storage temperature (T-T)	-20 - 60 °C
Display panel size	27 inch/68.5 cm	Operating relative humidity (H-H)	20 - 80%
Performance		Operating altitude	0 - 3658 m
NVIDIA G-SYNC *	✗	Non-operating altitude	0 - 12192 m
AMD FreeSync *	✗	Weight & dimensions	
VESA Adaptive Sync support	✓	Width (with stand)	614 mm
Component video sync	Separate Sync, Sync-on-green (SOG)	Depth (with stand)	235 mm
Flicker-free technology	✓	Height (with stand)	543 mm
Low Blue Light technology	✓	Weight (with stand)	7.11 kg
Multimedia		Width (without stand)	614 mm
Number of speakers	2	Depth (without stand)	66 mm
RMS rated power	4 W	Height (without stand)	371 mm
Built-in speaker(s) *	✓	Weight (without stand)	5.37 kg
Built-in camera *	✗	Packaging data	
Design		Package width	730 mm
Market positioning *	Office	Package depth	139 mm
Product colour *	Grey	Package height	445 mm
Feet colour	Silver	Package weight	9.8 kg
Ports & interfaces		Packaging content	
Built-in USB hub *	✓	Stand included	✓
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Cables included	DisplayPort, HDMI, Power, USB Type-C to USB Type-C
Number of USB Type-C upstream ports quantity	1	Quick start guide	✓
USB Type-A downstream ports quantity	3	Manual	✓
USB Type-C downstream ports quantity	1	Bundled software	SmartControl
USB Type-C DisplayPort Alternate Mode	✓	Sustainability	
USB Power Delivery (USB PD)	✓	Sustainability certificates	ENERGY STAR, EPEAT, TCO
USB Power Delivery up to	100 W	Doesn't contain	Mercury, PVC/BFR
HDMI *	✓	Other features	
HDMI ports quantity	1	HBR3 support	✓
HDMI version	2.0	Compatible operating systems	Mac OS; Windows 11/10
DisplayPorts quantity	1	Exterior finish type	Textured
DisplayPort out quantity	1	Monitor sync input signal	Separate Sync; Sync on Green
DisplayPort version	1.4	User controls	SmartImage; Input; Brightness; Menu; Power On/Off
Headphone out *	✓	Picture enhancement	SmartImage
HDCP	✓	RJ-45 ports quantity	1
HDCP version	2.2	Regulatory Approvals	CB; CE Mark; ETL; CEC; TUV/GS; TUV Ergo; TCO Certified; TCO Certified Edge; EAC; EAEU RoHS; MEPS; UKCA; EMF; FCC; ICES-003; TÜV Rheinland Low Blue Light (Hardware Solution); eyesafe® CERTIFIED 2.0
Network			
Ethernet LAN	✓		
		SoftBlue	✓
		EasyRead mode	✓
		Compliance certificates	CB, CE, EAC, EMF, ETL, Federal Communications Commission (FCC), Minimum Energy Performance Standards (MEPS), RoHS, TÜV mark, UKCA
		Mean time between failures (MTBF)	70000 h

Recycling data

Packaging recyclability rate	100%
Product post-consumer recycled plastic	85%



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Catalog Object Cloud



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