

Philips B Line 272B1G/00, 68.6 cm (27"), 1920 x 1080 pixels, Full HD, LED, 4 ms, Black

Business Monitor 272B1G LCD monitor with super energy efficiency

Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	272B1G/00
EAN/UPC	8712581764319



Description

The eco-friendly Philips 27" monitor is designed for sustainable productivity. Super energy efficient design delivers a new level of power savings. PowerSensor and LightSensor further reduce energy use while delivering crisp visuals.

Main features

	General
Display diagonal	68.6 cm
Display resolution	1920 x 1080 pixels
HD type	Full HD
Display technology	LED
Display surface	Matt
Response time	4 ms
Native aspect ratio	16:9
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Built-in speaker(s)	Yes
Built-in USB hub	Yes
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)
VESA mounting	Yes
Height adjustment	Yes
Product colour	Black

Extended details

	Display
Display diagonal	68.6 cm
Display resolution	1920 x 1080 pixels
Native aspect ratio	16:9

Display technology	LED
Touchscreen	No
HD type	Full HD
Panel type	IPS
Backlight type	W-LED
Display brightness (typical)	250 cd/m ²
Response time	4 ms
Display surface	Matt
Anti-glare screen	Yes
Screen shape	Flat
Supported graphics resolutions	1280 x 720 (HD 720), 1360 x 768 (WXGA), 1920 x 1080 (HD 1080)
Supported video modes	720p, 768p, 1080p
Aspect ratio	16:9
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	0.311 x 0.311 mm
Pixel density	82 ppi
Horizontal scan range	30 - 85 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	59.8 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 85 kHz
Digital vertical frequency	48 - 75 Hz
Sync-on-green (SOG)	Yes
Display diagonal (metric)	68.6 cm
DDC/CI	Yes
Haze rate	25 %
Surface hardness	3H
Colour gamut standard	sRGB
Colour gamut	76 %
sRGB coverage (typical)	102 %
NTSC coverage (typical)	88 %

Adobe RGB coverage	83 %
DCI-P3 coverage	80 %
Display sRGB	Yes
Performance	
NVIDIA G-SYNC	No
AMD FreeSync	No
VESA Adaptive Sync support	Yes
Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	Yes
Low Blue Light technology	Yes
Ports & interfaces	
Built-in USB hub	Yes
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B
Number of upstream ports	1
USB Type-A downstream ports quantity	4
VGA (D-Sub) ports quantity	1
DVI port	Yes
DVI-D ports quantity	1
HDMI	Yes
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Audio input	Yes
Headphone out	Yes
Headphone outputs	1
Headphone connectivity	3.5 mm
PC Audio in	Yes
HDCP	Yes
HDCP version	1.4
DC-in jack	Yes
Design	
Market positioning	Business
Product colour	Black
Frameless design	Yes
Front bezel colour	Black

Detachable stand	Yes
Feet colour	Black
Multimedia	
Built-in speaker(s)	Yes
Number of speakers	2
RMS rated power	2 W
Built-in camera	No
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	Yes
Adjustable height (max)	15 cm
Pivot	Yes
Pivot angle	-90 - 90 °
Swivelling	Yes
Swivel angle range	-180 - 180 °
Tilt adjustment	Yes
Tilt angle range	-5 - 35 °
On Screen Display (OSD)	Yes
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
Number of OSD languages	21
Plug and Play	Yes
LED indicators	Operation, Stand-by
Packaging content	
Stand included	Yes
Cables included	VGA, HDMI, DisplayPort, Audio (3.5mm), AC
Manual	Yes
Bundled software	SmartControl
Weight & dimensions	
Width (with stand)	613 mm
Depth (with stand)	205 mm
Height (with stand)	537 mm
Weight (with stand)	6 kg
Width (without stand)	613 mm
Depth (without stand)	51 mm

Height (without stand)	366 mm
Weight (without stand)	4.4 kg
	Packaging data
Package width	700 mm
Package depth	215 mm
Package height	456 mm
Package weight	9.63 kg
Package type	Box
	Power
Energy efficiency class (SDR)	C
Energy consumption (SDR) per 1000 hours	14 kWh
Power consumption (typical)	13.1 W
Power consumption (standby)	0.35 W
Power consumption (PowerSave)	9.2 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	388610
	Operational conditions
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80 %
Storage relative humidity (H-H)	20 - 80 %
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m
	Sustainability
Sustainability certificates	ENERGY STAR, TCO
Doesn't contain	Mercury, PVC/BFR
	Other features
Exterior finish type	Textured
Recyclable packaging material	100 %
Light sensor	Yes
EasyRead mode	Yes
LowBlue mode	Yes
Compliance certificates	RoHS

Mean time between failures (MTBF)	70000 h
Certification	CB, FCC Class B, ICES-003, CE Mark, TUV Ergo, TUV/GS, SEMKO, CU-EAC, EAEU RoHS, UKRAINIAN, TUV Eye Comfort certified
Picture enhancement	SmartImage
Regulatory Approvals	CB; FCC Class B; ICES-003; CE Mark; TUV Ergo; TUV/GS; SEMKO; CU-EAC; EAEU RoHS; UKRAINIAN; TUV Eye Comfort certified
	Recycling data
Post-consumer recycled plastic	85 %
	Logistics data
Harmonized System (HS) code	85285210