

PHILIPS

Philips 2000 series 27B2N2100/27 computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips

Product family: 2000 series

Product code: 27B2N2100/27

Product name : 27B2N2100/27



Business monitor 27B2N2100 LCD monitor

Philips 2000 series 27B2N2100/27 computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LCD Black:

This monitor delivers business efficiency. Not only is it equipped with essential features, but it also has ones that stand out like its 100hz refresh rate, SoftBlue, Flicker-Free, VESA mount, and more.

Philips 2000 series 27B2N2100/27. Display diagonal: 68.6 cm (27"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. VESA mounting. Product colour: Black



Display

Display diagonal *	68.6 cm (27")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
LED backlight	✓
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	250 cd/m ²
Response time *	4 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	✓
Screen shape *	Flat
Contrast ratio (typical) *	1500:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	100 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.3114 x 0.3114 mm
Pixel density	109 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 - 115 kHz

Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✗
Tilt adjustment	✓
Tilt angle range	-5 - 25°
On Screen Display (OSD)	✓
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	✓
LED indicators	Operation, Stand-by

Power

Power consumption (typical) *	13.5 W
Power consumption (standby) *	0.3 W
Power consumption (off)	0.3 W
Power consumption (PowerSave)	9.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C

Display		Operational conditions	
Digital vertical frequency	48 - 100 Hz	Operating relative humidity (H-H)	20 - 80%
Display diagonal (metric)	68.6 cm	Operating altitude	0 - 3658 m
DDC/CI	✓	Non-operating altitude	3658 - 12192 m
Haze rate	25%	Weight & dimensions	
Surface hardness	3H	Width (with stand)	617 mm
Colour depth	8 bit	Depth (with stand)	206 mm
Colour gamut standard	NTSC, sRGB	Height (with stand)	456 mm
sRGB coverage (typical)	99%	Weight (with stand)	3.81 kg
NTSC coverage (typical)	104%	Width (without stand)	617 mm
Display sRGB	✓	Depth (without stand)	46 mm
Performance		Height (without stand)	357 mm
NVIDIA G-SYNC *	✗	Weight (without stand)	3.49 kg
AMD FreeSync *	✗	Packaging data	
Component video sync	Separate Sync, Sync-on-green (SOG)	Package width	690 mm
Flicker-free technology	✓	Package depth	141 mm
Multimedia		Package height	455 mm
Built-in speaker(s) *	✗	Package weight	6.56 kg
Built-in camera *	✗	Sustainability	
Design		Sustainability certificates	ENERGY STAR, EPEAT
Market positioning *	Business	Doesn't contain	Mercury, PVC/BFR
Product colour *	Black	Other features	
Front bezel colour	Black	Exterior finish type	Textured
Feet colour	Black	Picture enhancement	SmartImage
Ports & interfaces		Regulatory Approvals	CB, CE Mark, EPA, CEL, CCC, CECP, UKCA, EMF, FCC, ICES-003
Built-in USB hub *	✗	Heavy metals free	Hg (mercury)
VGA (D-Sub) ports quantity	1	Adaptive synchronisation	✓
HDMI *	✓	EasyRead mode	✓
HDMI ports quantity	1	(cdm) Software / function	SmartControl
HDMI version	1.4	Compliance certificates	RoHS
Audio output	✓	Mean time between failures (MTBF)	70000 h
HDCP	✓	Recycling data	
HDCP version	1.4	Packaging recyclability rate	100%
		Product post-consumer recycled plastic	85%



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Catalog Object Cloud



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