

Philips 27B2N2200G computer monitor 68.6 cm (27") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips

Product code: 27B2N2200G

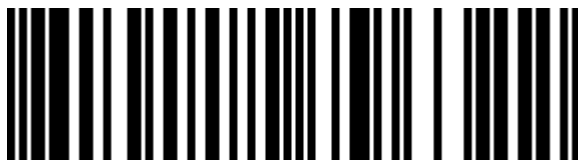
Product name : 27B2N2200G

Philips 27B2N2200G. 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°. Built-in speaker(s). VESA mounting. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Cable lock slot *	✓
Display resolution *	1920 x 1080 pixels	Cable lock slot type	Kensington
HD type *	Full HD	Height adjustment *	✗
Native aspect ratio *	16:9	Tilt adjustment	✓
Display technology *	LCD	Tilt angle range	-5 - 25°
Panel type *	IPS	On Screen Display (OSD)	✓
LED backlight	✓	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
Backlight type	W-LED		
Touchscreen *	✗		
Display brightness (typical)	350 cd/m²		
Response time *	4 ms	Number of OSD languages	21
Response time measurement type	GTG (Gray to Gray)	Plug and Play	✓
Anti-glare screen	✓	LED indicators	Operation, Stand-by
Screen shape *	Flat	Power	
Contrast ratio (typical) *	1500:1	Energy efficiency class (SDR) *	Not available
Contrast ratio (dynamic)	50000000:1	Energy efficiency class (HDR) *	Not available
Dynamic contrast ratio marketing name	SmartContrast	Power consumption (typical) *	14.51 W
Maximum refresh rate *	144 Hz	Power consumption (standby) *	0.3 W
Viewing angle, horizontal	178°	Power consumption (off)	0.3 W
Viewing angle, vertical	178°	Power consumption (PowerSave)	11.7 W
Display number of colours *	16.7 million colours	AC input voltage	100 - 240 V
Pixel pitch	0.3114 x 0.3114 mm	AC input frequency	50/60 Hz
Pixel density	82 ppi	Power supply type	Internal
Horizontal scan range	30 - 170 kHz	Operational conditions	
Vertical scan range	48 - 144 Hz	Operating temperature (T-T)	0 - 40 °C
Viewable size, horizontal	59.8 cm	Storage temperature (T-T)	-20 - 60 °C
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.5 cm		

Display		Operational conditions	
DDC/CI	✓	Operating relative humidity (H-H)	20 - 80%
Haze rate	25%	Operating altitude	0 - 3658 m
Surface hardness	3H	Non-operating altitude	0 - 12192 m
Colour depth	8 bit	Weight & dimensions	
Colour gamut standard	sRGB, NTSC	Width (with stand)	616 mm
sRGB coverage (typical)	112%	Depth (with stand)	206 mm
NTSC coverage (typical)	103%	Height (with stand)	465 mm
Display sRGB	✓	Weight (with stand)	3.51 kg
Display panel size	27 inch/68.5 cm	Width (without stand)	616 mm
Performance		Depth (without stand)	44 mm
NVIDIA G-SYNC *	✗	Height (without stand)	362 mm
AMD FreeSync *	✗	Weight (without stand)	3.19 kg
VESA Adaptive Sync support	✓	Packaging data	
Component video sync	Separate Sync, Sync-on-green (SOG)	Package width	730 mm
Flicker-free technology	✓	Package depth	124 mm
Low Blue Light technology	✓	Package height	459 mm
Multimedia		Package weight	5.89 kg
Number of speakers	2	Packaging content	
RMS rated power	4 W	Stand included	✓
Built-in speaker(s) *	✓	Manual	✓
Built-in camera *	✗	Bundled software	SmartControl
Design		Sustainability	
Market positioning *	Business	Sustainability certificates	ENERGY STAR, EPEAT
Product colour *	Black	Doesn't contain	Mercury, PVC/BFR
Front bezel colour	Black	Other features	
Feet colour	Black	Compatible operating systems	Mac OS; Windows 11 / 10
Ports & interfaces		Exterior finish type	Textured
Built-in USB hub *	✗	Monitor sync input signal	Separate Sync; Sync on Green
VGA (D-Sub) ports quantity	1	User controls	SmartImage; Input; Brightness; Menu; Power On/Off
HDMI *	✓	Picture enhancement	SmartImage
HDMI ports quantity	1	Regulatory Approvals	CB; CE Mark; South Africa Energy; MEPS; PSB; KC; Korea MEPS; CEL; CCC; CECF; BSMI; UKCA; EMF; FCC; ICES-003; TÜV Rheinland Circular Polarization; TÜV Rheinland Low Blue Light (Hardware Solution); eyesafe® CERTIFIED 2.0
HDMI version	1.4		
DisplayPorts quantity	1		
DisplayPort out version	1.4		
Audio input	✓	Heavy metals free	Hg (mercury)
Audio output	✓	SoftBlue	✓
HDCP	✓	Adaptive synchronisation	✓
HDCP version	1.4	EasyRead mode	✓
Ergonomics		LowBlue mode	✓
VESA mounting *	✓	Compliance certificates	RoHS
Panel mounting interface	100 x 100 mm	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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