PHILIPS

Philips B Line 328B1/00 LED display 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD Black

Brand : Philips **Product family:** B Line **Product code:** 328B1/00

Product name : 328B1/00

328B1 LCD monitor with PowerSensor

Philips B Line 328B1/00 LED display 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD Black:

Get your best work done with this Philips monitor. UltraClear 4K UHD gives the space and clarity for your work. Loaded with features to improve productivity and sustainability.
Philips B Line 328B1/00. Display diagonal: 80 cm (31.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, 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. VESA mounting, Height adjustment. Product colour: Black

Display	
Display diagonal *	80 cm (31.5")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	VA
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	350 cd/m²
Response time *	4 ms
Anti-glare screen	✓
Screen shape *	Flat
Aspect ratio	16:9
Contrast ratio (typical) *	3000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.18159 x 0.18159 mm
Pixel density	140 ppi
Horizontal scan range	30 - 140 kHz
Vertical scan range	40 - 60 Hz
Viewable size, horizontal	69.7 cm
Viewable size, vertical	39.2 cm
Digital horizontal frequency	30 - 140 kHz
Digital vertical frequency	40 - 60 Hz

Ergonomics	
Pivot angle	-90 - 90°
Swivelling	✓
Swivel angle range	-180 - 180°
Tilt adjustment	✓
Tilt angle range	-5 - 30°
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
Plug and Play	✓
LED indicators	Operation, Stand-by

Power	
Energy efficiency class (SDR) *	G
Energy consumption (SDR) per 1000 hours *	40 kWh
Power consumption (typical) *	60.3 W
Power consumption (standby) *	0.3 W
Power consumption (off)	0 W
Power consumption (PowerSave)	37.1 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	399164

Display	
Display diagonal (metric)	80 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB
Colour gamut	98%
sRGB coverage (typical)	119%
NTSC coverage (typical)	98%
Adobe RGB coverage	97%
Display sRGB	✔

Performance	
NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
VESA Adaptive Sync support	✔
Component video sync	Separate sync
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia	
Number of speakers	2
RMS rated power	6 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design	
Market positioning *	Home
Product colour *	Black
Front bezel colour	Black
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✔
USB upstream port type	USB Type-B
Number of upstream ports	1
DVI port	✘
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Audio output	✔
HDCP	✔
HDCP version	2.2

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Height adjustment	18 cm
Pivot	✔

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m

Weight & dimensions	
Width (with stand)	714 mm
Depth (with stand)	280 mm
Height (with stand)	649 mm
Weight (with stand)	11.6 kg
Width (without stand)	714 mm
Depth (without stand)	62 mm
Height (without stand)	422 mm
Weight (without stand)	7.54 kg

Packaging data	
Package width	930 mm
Package depth	186 mm
Package height	563 mm
Package weight	14.8 kg
Package type	Box

Packaging content	
Stand included	✔
Cables included	HDMI, DisplayPort, AC
Manual	✔
Bundled software	SmartControl

Sustainability	
Doesn't contain	PVC/BFR, Mercury

Other features	
Exterior finish type	Textured
Picture enhancement	SmartImage
Recyclable packaging material	100%
Regulatory Approvals	CB; TUV/GS; TUV Ergo; SEMKO; CU-EAC; EAEU RoHS; CCC; CECP; CEL; CE Mark; FCC Class B; ICES-003; UKRAINIAN
Heavy metals free	Hg (mercury)
Delta E	2
Light sensor	✔
EasyRead mode	✔
LowBlue mode	✔
Philips SmartUniformity	93 - 105%
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h
Certification	CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CCC, CECP, CEL, CE Mark, FCC Class B, ICES-003, UKRAINIAN

Recycling data	
Post-consumer recycled plastic	85%

Logistics data	
Harmonized System (HS) code	85285210

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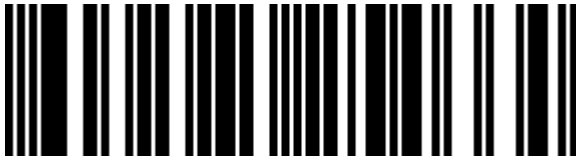

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