PHILIPS

Philips E Line 328E1CA/00 computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD LCD Black



Brand : Philips **Product family:** E Line **Product code:** 328E1CA/00

Product name : 328E1CA/00

328E1CA Curved LCD monitor with Ultra Wide-Color

Philips E Line 328E1CA/00 computer monitor 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD LCD Black:

The 32" curved E line display offers a truly immersive experience in a stylish design. Ultra-clear 4K UHD with Ultra Wide-Color and Adaptive-Sync brings your images alive!
Philips E Line 328E1CA/00. Display diagonal: 80 cm (31.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra 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	
Display diagonal *	80 cm (31.5")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	VA
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	250 cd/m²
Response time *	4 ms
Anti-glare screen	✔
Screen shape *	Curved
Screen curvature rating	1500R
Supported graphics resolutions	640 x 480 (VGA), 720 x 400, 800 x 600 (SVGA), 1024 x 768 (XGA), 1280 x 1024 (SXGA), 1280 x 720 (HD 720), 1440 x 900 (WXGA+), 1680 x 1050 (WSXGA+), 1920 x 1080 (HD 1080), 1920 x 2160, 3840 x 2160
Aspect ratio	16:9
Contrast ratio (typical) *	2500:1
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.182 x 0.182 mm
Pixel density	140 ppi
Horizontal scan range	53 - 84 kHz

Ergonomics	
Cable lock slot type	Kensington
Height adjustment *	✘
Tilt adjustment	✔
Tilt angle range	-5 - 20°
On Screen Display (OSD)	✔
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
Number of OSD languages	21
Plug and Play	✔
LED indicators	Operation, Stand-by

Power	
Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	Not available
Energy consumption (SDR) per 1000 hours *	39 kWh
Power consumption (typical) *	61.1 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Energy efficiency scale	A to G

Operational conditions	
Operating temperature (T-T)	0 - 40 °C

Display	
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	69.7 cm
Viewable size, vertical	39.2 cm
Digital horizontal frequency	53 - 84 kHz
Digital vertical frequency	48 - 75 Hz
Sync-on-green (SOG)	✔
Display diagonal (metric)	80 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB, NTSC
Colour gamut	99%
sRGB coverage (typical)	122%
NTSC coverage (typical)	99%
Screen curvature	150 cm
3D	✘
Separate H/V sync	✔
Display sRGB	✔
Display panel size	31.5 inch/80 cm

Performance	
NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
VESA Adaptive Sync support	✔
Component video sync	Separate Sync, Sync-on-green (SOG)
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
Feet colour	Black

Ports & interfaces	
Built-in USB hub *	✘
DVI port	✘
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Audio input	✘
Audio output	✔
Headphone out *	✘
PC Audio in	✔

Ergonomics	
VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔

Operational conditions	
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)	709 mm
Depth (with stand)	281 mm
Height (with stand)	523 mm
Weight (with stand)	7.71 kg
Width (without stand)	709 mm
Depth (without stand)	88 mm
Height (without stand)	425 mm
Weight (without stand)	6.89 kg

Packaging data	
Package width	800 mm
Package depth	236 mm
Package height	625 mm
Package weight	10.5 kg
Package type	Box

Packaging content	
Stand included	✔
Cables included	DisplayPort, HDMI, Audio (3.5mm), AC
Manual	✔

Other features	
Compatible operating systems	Mac OS X; Windows 10 / 8.1 / 8 / 7
On/off switch	✔
TV tuner integrated	✘
Exterior finish type	Textured
Monitor sync input signal	Separate Sync; Sync on Green
Signal input	DisplayPort 1.2; HDMI 2.0 x 2
Heavy metals free	Hg (mercury)
LowBlue mode	✔
Philips SmartUniformity	97 - 102%
User controls	Power On/Off; Menu; Volume; Input; SmartImage Game
Picture enhancement	SmartImage game
Regulatory Approvals	CCC; CECP; CEL; CE Mark; SEMKO; TUV Ergo; TUV/GS; cETLus; CU-EAC
Delta E	2
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h
Supplied AC adapter type	AC
Certification	CCC, CECP, CEL, CE Mark, SEMKO, TUV Ergo, TUV/GS, cETLus, CU-EAC

Recycling data	
Overall recyclability rate	100%
Packaging recyclability rate	100%

Technical details	
Native refresh rate	60 Hz

Logistics data	
Harmonized System (HS) code	85285210

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Catalog Object Cloud

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