PHILIPS

Philips E Line 328E1CA/00 LED display 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 LED display 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD LCD Black:
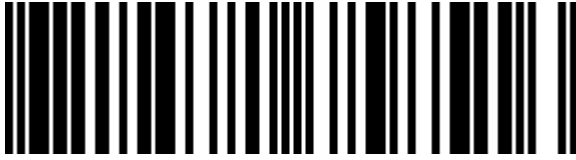
The 32" curved E line display offers a truly immersive experience in a stylish design. Ultra-clear 4K UHD with Ultra Wide-Color and Adaptive-Sync brings your images alive!
Philips E Line 328E1CA/00. Display diagonal: 80 cm (31.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display 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
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
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	69.7 cm

Ergonomics

Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✘
Tilt adjustment	✔
Tilt angle range	-5 - 20°
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

Energy efficiency class (SDR) *	G
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
European Product Registry for Energy Labelling (EPREL) code	388176

Operational conditions

Operating temperature (T-T)	0 - 40 °C

Display

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
Colour gamut	99%
sRGB coverage (typical)	122%
NTSC coverage (typical)	99%
Screen curvature	150 cm
3D	✗
Separate H/V sync	✓
Display sRGB	✓

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

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

On/off switch	✓
TV tuner integrated	✗
Exterior finish type	Textured
Recommended resolution	3840 x 2160 @ 60 Hz
Picture enhancement	SmartImage game
Recyclable packaging material	100%
Regulatory Approvals	CCC; CECP; CEL; CE Mark; SEMKO; TUV Ergo; TUV/GS; cETLus; CU-EAC
Heavy metals free	Hg (mercury)
Delta E	2
LowBlue mode	✓
Philips SmartUniformity	97 - 102%
Compliance certificates	RoHS
Mean time between failures (MTBF)	50000 h
Certification	CCC, CECP, CEL, CE Mark, SEMKO, TUV Ergo, TUV/GS, cETLus, CU-EAC

Recycling data

Total amount of recyclable materials	100%

Logistics data

Harmonized System (HS) code	85285210

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