

MultiSync® E271N  
LCD 27" Enterprise Display

## Datasheet



**NEC MultiSync® E271N - attractive price-performance office productivity, matching best visualisation with health-conscious efficiency**

The 27" ultra-narrow bezel display combines advanced visual display quality on a larger screen size with the functionality for efficient office productivity.

With high attention to user well-being, the viewer's eyes are protected with built-in Low Blue Light technology to filter out hazardous blue light emissions whilst Flicker-Free technology eliminates the effect of flickering.

With sleek and elegant styling to complement modern professional office interiors, this display offers advanced visual quality and performance.

## Benefits

**Best price-performance ratio in 27" line-up** - offering the same panel and display quality as the EA Series but with less advanced functionality and connectivity, ideal for everyday office performance.

**Black and white housing** - choose the housing design to best suit your office style and comply with local office ergonomic recommendations.

**Protecting your eyes from strain and damage** - Built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates any backlight flickering, thus protecting your eyes against cataracts and macular degeneration without compromise to true-to-life display colour performance.

**Future-Ready Design** - best in form and function design with 3-sided ultra-narrow bezel gives an office a fresh professional interior.

**Your environmental and social responsibility** - NEC's TCO 7 and ENERGY STAR 7 certified display is environmentally designed with minimal hazardous material meeting the growing demand for more sustainable technologies.

## Product Information

Product Name	MultiSync® E271N
Product Group	LCD 27" Enterprise Display
Order Code	60004496 (BK), 60004633 (WH)

## Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	27 / 69
Screen Aspect Ratio	16:9
Colour Gamuts	102 % sRGB; 75.5% AdobeRGB, 72% NTSC
Pixel Pitch [mm]	0.311
Brightness (typ.) [cd/m <sup>2</sup> ]	250
Contrast Ratio (typ.)	1000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	6
Colours [Mio.]	16.77

## Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 81.1
Vertical Frequency [Hz]	56 - 76

## Resolution

Optimum Resolution	1920 x 1080 at 60 Hz			
Supported	1920 x 1080; 1680 x 1050; 1440 x 900;	1280 x 1024; 1280 x 960; 1280 x 720;	1024 x 768; 800 x 600; 720 x 400 (70 Hz);	640 x 480

## Connectivity

Digital	1 x DisplayPort; 1 x HDMI
Analog	1 x VGA

## Electrical

Power Consumption on Mode [W]	16 (Eco Mode 1); 20 (typ.); 26 (max.)
Power Savings Mode [W]	0.26
Power Supply	0.55 A/0.35 A; 100-240 V; integrated power supply

## Environmental Conditions

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 85
Storage Temperature [°C]	-10 to 60

## Ergonomics

Height adjustable stand [mm]	130 (Landscape mode)
Screen Tilt [°]	- 5 to 35
Screen Swivel [°]	170 to 170
Screen Rotate [°]	-90 to 90 (landscape to portrait mode)

## Mechanical

Bezel Width [mm]	1 (left and right); 1 (top)
Dimensions (W x H x D) [mm]	610.4 x 376.9 - 506.9 x 282 (Landscape mode); Without stand: 610.4 x 359.9 x 46.6
Weight [kg]	With stand: 8.2; Without stand: 5.1
VESA Mounting [mm]	100 x 100

## Additional Features

Special Characteristics	DisplayPort; EcoModes
Colour Versions	Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	VESA DDC2Bi
Audio	Headphone Jack; Integrated Speakers (1 W + 1 W)
Adjust Functions	Auto Adjust; Brightness; Carbon Footprint Meter / Carbon Savings Meter; DV Mode; EcoMode; Language Select
Shipping Content	DisplayPort Cable; Power Cable; Set-up Manual; Setup Guide; VESA Plate; VGA-VGA Cable
Safety and Ergonomics	CE; EAC; EnergyStar 8.0; ErP; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; RoHS; TCO 7.0; TCO 8.0; TÜV Ergonomics; TÜV GS; WEEE

## Green Features

Energy Efficiency	Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy efficiency class: A+
Ecological Standards	Energy Star 8.0; RoHS compliant; TCO 8.0; WEEE



CE



ErP



RoHS



TCO 8.0



TCO 7.0



TÜV  
Ergonomics



TÜV GS

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