

NEC 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.

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.

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

Product Information

| | |
|---------------|------------------------------|
| Product Name | NEC 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 ²] | 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 consumption: 13 kWh/1000 h; Energy efficiency class: C |
| Ecological Standards | Energy Star 8.0; RoHS compliant; TCO 8.0; WEEE |



ErP



CE



TCO 8.0



RoHS



TÜV
Ergonomics



TCO 7.0



TÜV GS

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