# Datasheet



**The workspace essential**

Driving down costs without compromising quality, the desktop E Series presents all the reliable performance you expect from Sharp/NEC, against a very competitive price tag.

With user comfort prioritised, workspace ergonomics is a key design feature. Height adjustability to 120 mm with swivel, tilt and pivot functionality ensures a personalised set up, whilst built-in Low Blue Light and Flicker-Free technology protects the viewers' eyes without sacrificing best picture quality. Available in black or white, choose the best fit to complement your office setting and ergonomics – white displays reduce the impression of tunnel vision when in front of white walls.

In addition to cost optimisation, the E244FL and E274FL come with embedded LAN and USB-C connectivity which contributes to minimal cabling as well as making the display the docking hub of workstation communications.

With a fresh On-Screen Display (OSD) design, users benefit from highly intuitive operation, saving time and frustration during set up and adjustment. This Full HD display with VA screen technology is well placed to equip the home office and small to medium sized businesses for general office applications.

## Benefits

**Improve your Productivity** – with embedded LAN and USB-C, this display serves as a docking hub in your Personal Workspace.

**Future-proof flexibility** – wide connectivity provides high-level flexibility with LAN, DP, HDMI, USB Type C, USB A and audio output.

**Safeguarding user wellbeing** – built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates any backlight flickering, thus protecting the users' eyes against cataracts and macular degeneration.

**Ergonomic Office** – full height adjustability (120 mm), swivel, tilt and pivot functionality ensures perfect individual workspace set-up.

**Best in form and function** – future-ready design with 3-sided ultra-narrow bezel, available in black or white, plus optional VESA mount plate for thin client devices.

## Product Information

| | |
|---|---|
| Product Name | NEC MultiSync® E274FL |
| Product Group | LCD 27" Enterprise Display |
| Order Code | 60005868 (BK), 60005870 (WH) |

## Display

| | |
|---|---|
| Panel Technology | VA TFT with W-LED backlight |
| Screen Size [inch/cm] | 27 / 69 |
| Screen Aspect Ratio | 16:9 |
| Pixel Pitch [mm] | 0.275 |
| Brightness (typ.) [cd/m²] | 250 |
| Contrast Ratio (typ.) | 4000:1 |
| 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 |
| Vertical Frequency [Hz] | 50 - 75 |

## Resolution

| | |
|---|---|
| Optimum Resolution | 1920 x 1080 at 60 Hz |

## Connectivity

| | |
|---|---|
| Digital | 1 x DisplayPort; 1 x HDMI; 1 x USB Type C (60 W); USB ver. 3.1 (3 down / 1 up) |
| Output Control | 1x LAN/RJ45 |

## Electrical

| | |
|---|---|
| Power Consumption on Mode [W] | 14 (Eco Mode 2); 20 (typ.) |
| Power Savings Mode [W] | 0.3 |
| Power Supply | 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] | 120 |
| Screen Tilt [°] | -5 to 25 |
| Screen Swivel [°] | 170 to -170 |
| Screen Rotate [°] | -90 to 90 (landscape to portrait mode) |

## Mechanical

| | |
|---|---|
| Bezel Type | 3-sided Ultra Narrow Bezel |
| Bezel Width [mm] | 1 (left/right/top); 16 (top and bottom) |
| Dimensions (W x H x D) [mm] | 610.4 x 376.9 - 506.9 x 282.6 (Landscape mode); Without stand: 610.4 x 359.9 x 46.6 |

| Weight [kg] | With stand: 6.6; Without stand: 4.5 |
| --- | --- |
| VESA Mounting [mm] | 100 x 100 |

## Additional Features

| Special Characteristics | Flicker Free; Low Blue Light |
| --- | --- |
| 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 | 1W + 1W (De-activateable); Headphone Jack |
| Shipping Content | DisplayPort Cable; Power Cable; Setup Guide; USB-C Cable |
| Safety and Ergonomics | EnergyStar 8.0; Flicker-free; Low Blue Light; RoHS; TCO 9.0; TÜV Ergonomics; TÜV GS; WEEE |
| Warranty | 3 years warranty incl. backlight |

## Green Features

| Energy Efficiency | Carbon Footprint Meter / Carbon Savings Meter; ECOMode |
| --- | --- |
| Ecological Standards | RoHS compliant; TCO 9.0 |



TÜV GS          RoHS          TÜV Ergonomics          TCO 9.0