

NEC MultiSync® E243F  
LCD 24" Enterprise Display

## Datasheet



### The ergonomic workspace communications hub

Break free of cable clutter and enjoy a single, all-encompassing communications hub via this workspace centrepiece, the MultiSync® E243F display. The 24" office workhorse featuring powerful 65W USB Type-C connectivity, manages video, audio, power and USB via a single cable. Supporting new open office standards in hot desking and 'bring your own device', the display is fully future-proofed with a high level of connectivity flexibility.

User wellbeing is high on the agenda with built-in Low Blue Light and Flicker-Free technology to protect the viewer's eyes without compromise to true-to-life display colour performance. Furthermore, advanced ergonomic adjustability ensures best individual workspace set-up to support sustained productivity.

Available in black or white to suit ergonomic and aesthetic preferences in an office or home environment, plus a minimal display footprint thanks to its ultra-narrow bezel and optional VESA thin client mount, the E243F perfectly complements the modern efficient workspace.

## Benefits

**Newest USB Type-C connectivity standard** - optimize connectivity and declutter your desk; replace video, audio, power and USB cabling with just a single cable to connect your notebook/tablet PC with the display.

**Future-proof flexibility** - wide connectivity provides high-level flexibility with 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 (130 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic 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® E243F         |
| Product Group | LCD 24" Enterprise Display   |
| Order Code    | 60005203 (BK), 60005204 (WH) |

## Display

|  |   |
|--|---|
| Panel Technology                       | IPS TFT with W-LED backlight                                |
| Screen Size [inch/cm]                  | 24 / 60   |
| Screen Aspect Ratio                    | 16:9  |
| Pixel Pitch [mm]                       | 0.275   |
| 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 - 83 |
| 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; USB ver. 3.1 (3 down / 1 up) |
|---------|---|

## Electrical

|                               |                                       |
|-------------------------------|---------------------------------------|
| Power Consumption on Mode [W] | 15 (Eco Mode 1); 15 (typ.); 20 (max.) |
| Power Savings Mode [W]        | 0.4                                   |
| Power Supply                  | integrated power supply               |

## Environmental Conditions

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

## Ergonomics

|                              |  |
|------------------------------|--|
| Height adjustable stand [mm] | 130                                    |
| Screen Tilt [°]              | -5 to 25                               |
| 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] | 538.1 x 332.6 - 462.6 x 190 (Landscape mode) |
| Weight [kg]                 | With stand: 5                                |
| VESA Mounting [mm]          | 100 x 100                                    |

## Additional Features

|                          |   |
|--------------------------|---|
| Special Characteristics  | Flicker Free; Low Blue Light; USB-C   |
| 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   |
| Adjust Functions         | Auto Adjust; Brightness; Carbon Footprint Meter / Carbon Savings Meter; DV Mode; EcoMode; Language Select |
| Shipping Content         | DisplayPort Cable; Power Cable; Setup Guide; USB-C Cable  |
| Safety and Ergonomics    | EnergyStar 8.0; Flicker-free; Low Blue Light; RoHS; TCO 8.0; TÜV Ergonomics; TÜV GS; WEEE                 |

## Green Features

|                      |   |
|----------------------|---|
| Energy Efficiency    | Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy consumption: 18 kWh/1000 h; Energy efficiency class: E |
| Ecological Standards | RoHS compliant; TCO 8.0   |



RoHS



TÜV GS



TCO 8.0



TÜV  
Ergonomics

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