

MultiSync® E224Wi NEC LCD 21.5" Commercial Display

Datasheet



The MultiSync® E224Wi is a high class 21.5" 16:9 format monitor with best IPS panel and latest energy saving LED backlight technology. It offers the latest DisplayPort connectivity and ergonomic adjustability for professional office users. Low power consumption and low operating costs make the display perfect for use in the professional office environment. Outstanding ergonomic comfort make it very user-friendly and help to increase productivity.

The ideal display for high performance office with compact space requirement.

Benefits

Ergonomic Office – full height adjustability (110 mm), tilt and flat mode ensures perfect individual ergonomic set-up.

Highly flexible connectivity - - display can be used with two digital (DVI-D, DisplayPort) and one analogue input.

Image display – 21.5inch 16:9 IPS with LED backlight.

Vesa Mount (100 mm) – allows to install the monitor via various mounting solutions.

Cost Saving Device Management – save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

| | |
|---------------|----------------------------------|
| Product Name | MultiSync® E224Wi |
| Product Group | NEC LCD 21.5" Commercial Display |
| Order Code | 60003584 (BK), 60003583 (WH) |

Display

| | |
|--|---|
| Panel Technology | IPS TFT with W-LED backlight |
| Screen Size [inch/cm] | 21.5 / 54.62 |
| Pixel Pitch [mm] | 0.248 |
| 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 (grey-to-grey) |
| Colours [Mio.] | 16.7 |

Synchronisation Rate

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

Resolution

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|--------------------|---|
| Optimum Resolution | 1920 x 1080 at 60 Hz |
| Supported | 1680 x 1050; 1440 x 900; 1400 x 1050; 1366 x 768; 1360 x 768; 1280 x 1024; 1280 x 960; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480 |

Connectivity

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|---------|--|
| Digital | 1 x DisplayPort; 1 x DVI-D (with HDCP) |
| Analog | 1 x mini D-sub 15 pin |

Electrical

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|-------------------------------|---|
| Power Consumption on Mode [W] | 16 (Eco Mode); 22 (typ.); 25 (max.) |
| Power Savings Mode [W] | 0.4 |
| Power Supply | 0.45 A/0.25 A; 100-120 V/220-240 V; integrated power supply |

Environmental Conditions

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

Ergonomics

| | |
|------------------------------|--------------------------------------|
| Height adjustable stand [mm] | 110 |
| Screen Tilt / Swivel [°] | -5 to +20; -45 to +45 |
| Screen Rotate [°] | 0 to 90 (landscape to portrait mode) |

Mechanical

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|-----------------------------|--|
| Bezel Width [mm] | 14.7 (left and right); 15.8 (top and bottom) |
| Dimensions (W x H x D) [mm] | 507.4 x 364.5 x 213.9; Without stand: 507.4 x 301.1 x 58.5 |
| Weight [kg] | 5.9 |
| VESA Mounting [mm] | 100 x 100 |

Additional Features

| | |
|--------------------------|--|
| Special Characteristics | 21.5" (16:9) Highly efficient IPS panel with LED backlight saves more than 30 % energy; Carbon Footprint Meter; Carbon Savings Meter; EcoModes; ErgoDesign®: Height adjustable stand (110 mm) with 90° Pivot features; NaViSet Administrator 2; sRGB Support; TORO™ Design; Windows 7 compatible; Windows 8 compatible |
| 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 DDC2B |
| Adjust Functions | Auto Adjust; Brightness; Carbon Footprint Meter / Carbon Savings Meter; Contrast; DV Mode; EcoMode; Language Select |
| Shipping Content | Monitor; Power Cable; Setup Guide Signal Cable: [value1] x DVI-D; VGA - VGA |
| Safety and Ergonomics | CE; EnergyStar 6.0; FCC Class B; MPR III; PSB; RoHS; TCO 6.0; TÜV Ergonomics; TÜV GS |
| Warranty | 3 years warranty incl. backlight |

Green Features

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|----------------------|--|
| Energy Efficiency | Annual energy consumption: 32 kWh (based on 4 operating hours per day); Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy efficiency class: B; LED backlight technology |
| Ecological Materials | Downloadable manuals |
| Ecological Standards | Energy Star 6.0; ErP compliant; RoHS compliant; TCO 6.0 |



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