

NEC MultiSync® EA242WU
LCD 24" Enterprise Display

Datasheet



Primed for Office Productivity

Optimised for multi-display set ups, the ultra-narrow bezel NEC MultiSync® EA242WU is designed to support maximum productivity in today's hybrid workspaces. Daisy-chaining neighbouring displays, embedded LAN and USB-C connectivity all contribute to minimal cabling and maximum flexibility - the display becomes the hub of workspace communications!

Create individually tailored workspaces with best ergonomic adjustability and user-centred features including built-in low blue light and flicker-free technologies to protect the health of the viewers' eyes and guard against fatigue, without compromising the high-performance IPS screen technology.

Fulfilling the demand for future-ready performance and delivering all the trusted quality and reliability of the Sharp/NEC brand, the EA242WU is purpose-designed to maximise office productivity.

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.

Clutter-free workspace - Powerful 65W USB Type-C connectivity manages video, audio, power and USB via a single cable

Easy multi-screen set-up - Daisy-chain multiple display configurations through DisplayPort-out, no additional cables needed

Maximum attention to health and well-being - the outstanding ergonomic height adjustment from 0 to 150 mm; eye pleasing built-in Low Blue Light and Flicker-Free technology; plus integrated ambient light sensor all combines to tailor the perfect individual setup to boost productivity.

Product Information

| | |
|---------------|-----------------------------|
| Product Name | NEC MultiSync® EA242WU |
| Product Group | LCD 24" Enterprise Display |
| Order Code | 60004855 (BK), 60005573(WH) |

Display

| | |
|--|---|
| Panel Technology | IPS TFT with W-LED backlight |
| Screen Size [inch/cm] | 24 / 61 |
| Screen Aspect Ratio | 16:10 |
| Pixel Pitch [mm] | 0.270 |
| Brightness (typ.) [cd/m ²] | 300 |
| Contrast Ratio (typ.) | 1000:1 (5000:1 dynamic contrast ratio) |
| 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 - 77 |
| Vertical Frequency [Hz] | 50 - 60 |

Resolution

| | | | | |
|--------------------|---|---|---|---|
| Optimum Resolution | 1920 x 1200 at 60 Hz | | | |
| Supported | 1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 768; | 1280 x 960; 1360 x 768; 1366 x 768; 1400 x 1050; | 1440 x 900; 1600 x 1200; 1680 x 1050; 1920 x 1080; | 1920 x 1200; 640 x 480; 800 x 600 |

Connectivity

| | |
|----------------|---|
| Digital | 1 x DisplayPort; 1 x DisplayPort out; 1 x HDMI; 1 x USB Type C (65 W); USB ver. 3.1 (2 down / 1 up) |
| Output Control | 1x LAN/RJ45 |

Electrical

| | |
|-------------------------------|----------------------------|
| Power Consumption on Mode [W] | 12 (Eco Mode 2); 21 (typ.) |
| Power Savings Mode [W] | 0.3 |
| Power Supply | internal power supply |

Environmental Conditions

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

Ergonomics

| | |
|------------------------------|--|
| Height adjustable stand [mm] | 150 |
| Screen Tilt / Swivel [°] | -5 to +35; -170 to +170 |
| Screen Rotate [°] | -90 to 90 (landscape to portrait mode) |

Mechanical

| | |
|-----------------------------|-----------------------------|
| Bezel Width [mm] | 0.8 (left/right/top) |
| Dimensions (W x H x D) [mm] | With stand: 531 x 365 x 250 |

| | |
|--------------------|-----------|
| Weight [kg] | 6.7 |
| VESA Mounting [mm] | 100 x 100 |

Additional Features

| | |
|--------------------------|--|
| Special Characteristics | Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; Customize Setting; DICOM preset; DICOM simulation; EcoModes; Human Sensor; LED Backlight Technology; NaViSet Administrator 2; Quick release Stand and Handle; sRGB Support; Touch Sensor Keys; USB ver. 3.1 (2 down / 1 up) |
| 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; VESA DDCi |
| Audio | Headphone Jack; Integrated Speakers (1 W + 1 W) |
| Adjust Functions | Audio Volume / Lock-Out; Auto Adjust; Brightness; Colour Temperature Control; Contrast; Control Sync; DV Mode; EcoMode; Fine Adjust (analog); Human Sensing; Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; One Touch Recovery; Power-Off Timer; sRGB |
| Shipping Content | Monitor; Power Cable; Setup Guide; USB-C Cable |
| Safety and Ergonomics | CE; EnergyStar 8.0; Flicker-free; Low Blue Light; TCO 9.0 |
| Warranty | 3 years warranty incl. backlight; optional 4th to 5th year warranty extension |

Green Features

| | |
|----------------------|---|
| Energy Efficiency | Ambient light sensor; Energy consumption: 13 kWh/1000 h; Energy efficiency class: D; Human sensor; Intelligent Power Management |
| Ecological Materials | Downloadable manuals |
| Ecological Standards | Energy Star 8.0; TCO 9.0 |



CE



TCO 9.0

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