LCD 24" Enterprise Display

NEC MultiSync® EA242WU





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 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.

Specifications

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/m²]
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;	1360 x 768;	1680 x 1050;
1280 x 1024;	1366 x 768;	1920 x 1080;
1280 x 720;	1400 x 1050;	1920 x 1200;
1280 x 768;	1440 x 900;	640 x 480;
1280 x 960;	1600 x 1200;	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

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]
531.5 x 365.3 - 515.3 x 250 (Landscape mode)

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; ISO 9241-307 (pixel failure class I); Low Blue Light; TCO 9.0

Warranty
3 years warranty incl. backlight; optional 1st to 3rd year 24/7 usage warranty; 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

* TCO 9.0

* EnergyStar 8.0

CE TCO 9.0

This document is © 2026 Sharp Display Solutions Europe GmbH.

All rights reserved in favour of their respective owners. All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All specifications are subject to change without notice. Errors and omissions are excepted. 05.08.2026