LCD 24" Enterprise Display

NEC MultiSync® EA241WU

NEC MultiSync® EA241WU Ultra-Narrow Bezel – best productivity with tailored ergonomics plus style and performance to complement the modern office

With full height adjustability from 0 to 150 mm and 170° swivel functionality, this 24” display enables the user to create an individually tailored workspace. Furthermore, built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates the effect of flickering thus ensuring the well-being of the user. Fulfilling the demand for future-ready performance and delivering all the quality and reliability commensurate with the NEC brand, the EA241WU is well positioned to maximise office productivity.

Performance AH-IPS screen technology with LED backlit panel delivers 300 cd/m² of brightness whilst keeping power consumption to a minimum.

Benefits

Ergonomic Office – full height adjustability (150 mm), swivel, tilt and pivot functionality ensures perfect individual workspace set-up.

Auto-Adjust Power Consumption – to minimize unnecessary power usage, the Human and Ambient Light Sensors adjust the display brightness according to user presence and room lighting conditions.

Protecting your eyes from strain and damage – Built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates any backlight flickering, thus protecting your eyes against cataracts and macular degeneration without compromise to true-to-life display colour performance.

Best in form and function – future-ready design with 3-sided ultra-narrow bezel, available in black or white, complementing a fresh professional office interior.

Business Class Image Quality – Advanced High-Performance IPS (AH-IPS) panel provides the very best viewing angles as well as noticeably better colour reproduction.

Specifications

Product Information

Product Name
NEC MultiSync® EA241WU

Product Group
LCD 24" Enterprise Display

Order Code
L50EA241WU

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]
5

Colours [Mio.]
16.77

Synchronisation Rate

Horizontal Frequency [kHz]
31.5 - 95

Vertical Frequency [Hz]
56 - 75

Resolution

Optimum Resolution
1920 x 1200 at 60 Hz

Supported

1024 x 768;	1400 x 1050;	1920 x 1200;
1280 x 1024;	1440 x 900;	640 x 480;
1280 x 960;	1600 x 1200;	800 x 600
1366 x 768;	1680 x 1050;	

Connectivity

Digital
1 x DisplayPort; 1 x DVI-D; 1 x HDMI; USB ver. 3.0 (3 down / 1 up)

Analog
1 x D-sub 15 pin

Electrical

Power Consumption on Mode [W]
15 (Eco Mode 2); 20 (typ.); 47 (max.)

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]
With stand: 531.5 x 515.4 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; ControlSync®; Customize Setting; DICOM preset; EcoModes; Human Sensor; LED Backlight Technology; NaViSet Administrator 2; Quick release Stand and Handle; sRGB Support; Touch Sensor Keys; USB ver. 3.0 (3 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
Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Setup Guide; USB Cable

Safety and Ergonomics
CE; EAC; EnergyStar 8.0; ErP; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TCO 8.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA; WEEE

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: 12 kWh/1000 h; Energy efficiency class: C; Human sensor; Intelligent power management

Ecological Materials
Downloadable manuals

Ecological Standards
Energy Star 8.0; TCO 8.0

* EnergyStar 8.0

* TCO 8.0

ErP CE TÜV GS TÜV Ergonomics RoHS TCO 8.0

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