

Desktop Displays

NEC MultiSync® EA242WU

- Improve your Productivity – with embedded LAN and USB-C, this display serves as a docking hub in your Personal Workspace.
- Clutter-free workspace – Powerful 65W USB Type-C connectivity manages video, audio, power and USB via a single cable.
- Maximum attention to health and well-being – including ergonomic height adjustment; built-in Low Blue Light and Flicker-Free technology; plus integrated ambient light sensor.
- Future-proof flexibility – wide connectivity provides high-level flexibility with LAN, DP, HDMI, USB Type C, USB A and audio output.
- Easy multi-screen set-up – Daisy-chain multiple display configurations through DisplayPort-out, no additional cables needed.

Specifications

DISPLAY

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	24 / 61
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
Screen Aspect Ratio	16:10

RESOLUTION

Optimum Resolution Supported	1920 x 1200 at 60 Hz
	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

ELECTRICAL

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

ERGONOMICS

Screen Tilt [°]	-5 to +35
Height adjustable stand [mm]	150
Screen Swivel [°]	-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

SYNCHRONISATION RATE

Horizontal Frequency [kHz]	31.5 - 77
Vertical Frequency [Hz]	50 - 60

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

ENVIRONMENTAL CONDITIONS

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

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)
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Colour Versions	Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet Cable Management
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Cable Management	•
Kensington security slot	•
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; Monitor; Power Cable; Setup Guide; USB-C Cable
Shipping Content	CE; EnergyStar 8.0; Flicker-free; Low Blue Light; TCO 9.0

Safety and Ergonomics	3 years warranty incl. backlight; optional 4th to 5th year warranty extension
Warranty	

GREEN FEATURES

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