Desktop Display

NEC MultiSync EX241UN

- 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.

- Efficient Installation and Configuration – one button quick release display stand, intuitive joystick button for menu settings, and administrate a complete multi-screen environment.

- Future-Proof Multi-Screen Design – 4-sided ultra-narrow bezel (further removable) reduce the footprint to a minimum without compromising on screen size.

- Highest Productivity and efficient Multi-Tasking – reduce the number of PCs and Daisy-Chain multiple displays using DisplayPort (out) and benefit from Uniformity Control.

- Auto-Adjust Power Consumption – to minimize unnecessary power, optional Human and Ambient Light Sensor adjusts the display brightness when a user leaves his desk.

SHARP

Specifications

DISPLAY

Panel Technology	IPS TFT
Screen Size [inch/cm]	24 / 60
Pixel Pitch [mm]	0.2745
Brightness (typ.) [cd/m²]	250
Contrast Ratio (typ.)	1000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	6
Colours [Mio.]	16.77
Screen Aspect Ratio	16:9
Colour Gamuts	100 % sRGB; 72 % NTSC

RESOLUTION

Optimum Resolution	1920 x 1080 at 0 Hz
Supported	1920 x 1080 (60 Hz)

ELECTRICAL

Power Consumption on Mode [W]	15 (Eco Mode 2); 19 (Eco Mode); 19 (shipping); 45 (max.)
Power Savings Mode [W]	0.3
Power Supply	internal power supply

ERGONOMICS

Screen Tilt [°]	-5 to +30
Height adjustable stand [mm]	100
Screen Swivel [°]	-170 to +170
Screen Rotate [°]	-90 to 90 (landscape to portrait mode)

MECHANICAL

Bezel Width [mm]	0.8
Dimensions (W x H x D) [mm]	537.8 x 369.7 x 204.3
Weight [kg]	5.6
VESA Mounting [mm]	100 x 100

SYNCHRONISATION RATE

Horizontal Frequency [kHz]	31.5 - 83
Vertical Frequency [Hz]	56 - 75

CONNECTIVITY

Digital	1 x DisplayPort; 1 x DisplayPort out; 1 x DVI-D; 1 x HDMI; USB ver. 3.0 (3 down / 1 up)
Analog	1 x D-sub 15 pin

ENVIRONMENTAL CONDITIONS

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 85
Storage Temperature [°C]	-10 to 60

ADDITIONAL FEATURES

Special Characteristics	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Customize Setting; DICOM simulation; Digital Uniformity Control (ColorComp); DisplayPort; EcoModes; LED Backlight Technology; NaViSet Administrator 2; Quick release Stand and Handle; 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	•
Plug and Play	VESA DDC2B; VESA DDCi
Audio	Headphone Jack; Integrated Speakers (1 W + 1 W)
Adjust Functions	Auto Adjust; Brightness; Contrast; Control Sync; DV Mode; EcoMode; Fine Adjust (analog); Individual Adjust; Intelligent Power Management; Language Select; LED Brightness; Monitor Information
Shipping Content	Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Setup Guide; USB Cable
Safety and Ergonomics	CE; EAC; EnergyStar 8.0; FCC Class B; Flicker-free; GEEA / Energy Label; ISO 9241-307 (pixel failure class I); Low Blue Light; RoHS; TCO 8.0; TÜV Ergonomics; TÜV GS; UL / C-UL or CSA
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	ECOMode; Energy consumption: 15 kWh / 1000 h; Energy efficiency class: E
Ecological Standards	Energy Star 8.0; ErP compliant; TCO 8.0