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MultiSync® E242N
LCD 24” Commercial Display

Datasheet





NEC MultiSync® E242N Ultra-Thin Bezel - The Office Workhorse, combining sleek and elegant design with health-conscious performance

The 24” ultra-thin bezel display targeting reliable office productivity, performance and quality, fulfils demand for future-ready design. Enduring productivity requires high attention to healthcare. Ensuring the well-being of the user, built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates the effect of flickering. The users’ eyes are protected whilst ensuring a true-to-life display colour performance from all viewing angles. The LED backlight panel with AH-IPS technology supports a high display brightness of 250 cd/m² and in parallel lowers power consumption.

The ultra-narrow bezel display reduces the display footprint without compromising on screen size and gives an office a fresh professional interior with its sleek and elegant design.

Benefits

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.

Ergonomic Office – full height adjustability (110 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

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

Future-Ready Design – best in form and function design with 3-sided ultra-narrow bezel gives an office a fresh professional interior.

Product Information

Product Name	MultiSync® E242N
Product Group	LCD 24" Commercial Display
Order Code	60004990 (black), 60004856 (white)

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	24 / 60
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.275
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

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 81.1
Vertical Frequency [Hz]	56 - 76

Resolution

Optimum Resolution	1920 x 1080 at 60 Hz

Connectivity

Digital	1 x DisplayPort; 1 x HDMI; USB ver. 3.1 (3 down / 1 up)
Analog	1 x VGA

Electrical

Power Consumption on Mode [W]	16 (Eco Mode 1); 18 (typ.); 28 (max.)
Power Savings Mode [W]	0.29
Power Supply	integrated power supply

Environmental Conditions

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

Ergonomics

Height adjustable stand [mm]	110
Screen Tilt [°]	-5 to 25
Screen Swivel [°]	45 to -45
Screen Rotate [°]	-90 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]	1 (left and right); 1 (top)
Dimensions (W x H x D) [mm]	538.6 x 373.9 - 483.9 x 213.9 (Landscape mode)
Weight [kg]	With stand: 5.5
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	DisplayPort; EcoModes
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 DDC2Bi
Audio	1W + 1W (De-activateable); Headphone Jack
Adjust Functions	Auto Adjust; Brightness; Carbon Footprint Meter / Carbon Savings Meter; DV Mode; EcoMode; Language Select
Shipping Content	DisplayPort cable; Power Cable; Setup Guide; USB Cable Signal Cable: DisplayPort; VGA - VGA
Safety and Ergonomics	EnergyStar 7.0; Flicker-free; Low Blue Light; RoHS; TCO 7.0; TÜV Ergonomics; TÜV GS; WEEE

Green Features

Energy Efficiency	Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy efficiency class: A+
Ecological Standards	Energy Star 7.0; RoHS compliant; TCO 7.0; WEEE

RoHS

TÜV Ergonomics

TÜV GS

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