Desktop Display

NEC MultiSync EA245WMI-2

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

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

- 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.

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

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SHARP

Specifications

DISPLAY

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

RESOLUTION

Optimum Resolution	1920 x 1200 at 60 Hz
Supported	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]	18 (Eco Mode 2); 22 (typ.); 50 (max.)
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: 531.5 x 515.4 x 250
Weight [kg]	6.7
VESA Mounting [mm]	100 x 100

SYNCHRONISATION RATE

Horizontal Frequency [kHz]	31.5 - 95
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

ADDITIONAL FEATURES

Special Characteristics	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; 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. 3.0 (3 down / 1 up)
Colour Versions	Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet
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
Shipping Content	Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Setup Guide; USB Cable
Safety and Ergonomics	CE; EnergyStar 8.0; Flicker-free; Low Blue Light; TCO 8.0
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: 16 kWh / 1000 h; Energy efficiency class: E; Human sensor; Intelligent Power Management
Ecological Standards	Downloadable manuals
Ecological Materials	Energy Star 8.0; TCO 8.0