

# NEC MultiSync® EA243WM

Order Code: 60003158 BK, 60003157 WH

NEC LCD 24" Commercial Display

**NEC MultiSync® EA243WM features an extremely thin LED backlight panel which results in an ultra-modern and slim design in combination with a premium feature set for the corporate office use.** Ambient Light and Human Sensors enforce the sustainable product concept while offering improved ergonomics with 130 mm height adjustability. Moreover the display offers broad connectivity with four inputs DisplayPort, DVI-D, HDMI and D-Sub.

Ideal for the corporate that demand style and future proof technology.



## DELIVERING GENUINE BENEFITS

**Ambient Light Sensor** - with Auto Brightness function always sets optimised brightness level according to ambient light and content conditions.

**Ergonomic Office** - full height adjustability (130 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

**Feature Set for Perfect Office Use** - Integrated Speakers, headphone jack and USB Hub provide excellent options for office communication.

**Green Product Concept** - Eco Mode and Carbon Footprint Meter / Carbon Savings Meter, Ambient Light Sensor.

**Human Sensor** - detects the presence of a person in front of the screen; display switches on/off automatically depending on the presence of the user.

**Image display** - 24inch 16:10 TN with LED backlight.

**Vesa Mount (100 mm)** - allows to install the monitor via various mounting solutions.



## OUTSTANDING PERFORMANCE

- **Ultra-modern and slim design.** The product design is discrete and puts priority on the screen image and function.
- **Ambient Light and Human Sensors.** The new sensor technologies provide a perfect image with minimum power consumption.
- **Improved ergonomics.** The ergonomic stand with 130 mm height adjustability allows greatest set-up flexibility.
- **Integrated Speakers, headphone jack and USB.** Hub provide excellent options for office communication.
- **New ControlSync® Feature** enables multimonitor adjustment synchronization.



### SPECIAL CHARACTERISTICS

Ambient light sensor for optimized brightness levels, Carbon Footprint Meter, Carbon Savings Meter, ControlSync®, Customize Setting, EcoModes, Human Sensor, LED Backlight Technology, USB ver. 2.0 (4 down / 1 up), Windows 7 compatible



**Energy Efficiency** Ambient light sensor; Human sensor; Intelligent Power Management

**Ecological Materials** Downloadable manuals

Technical Specification NEC MultiSync® EA243WM	
<b>DISPLAY</b>	
Panel Technology	W-LED TN TFT
Screen Size [inch/cm]	24.1 / 61.13
Screen Aspect Ratio	16:10
Pixel Pitch [mm]	0.270
Brightness (typ.) [cd/m <sup>2</sup> ]	250
Contrast Ratio (typ.)	1000:1 (25000:1 (typ.) dynamic contrast ratio)
Viewing Angle [°]	170 horizontal / 160 vertical (typ. at contrast ratio 10:1); 178 horizontal / 178 vertical (typ. at contrast ratio 5:1)
Response Time (typ.) [ms]	5
Colours [Mio.]	16.77
<b>SYNCHRONISATION RATE</b>	
Horizontal Frequency [kHz]	31.5 - 83
Vertical Frequency [Hz]	56 - 60
<b>RESOLUTION</b>	
Optimum Resolution	1920 x 1200 at 60 Hz
Supported	1920 x 1200; 1920 x 1080; 1680 x 1050; 1600 x 1200; 1440 x 900; 1400 x 1050; 1366 x 768; 1360 x 768; 1280 x 1024; 1280 x 960; 1280 x 768; 1280 x 720; 1024 x 768; 800 x 600; 640 x 480
<b>CONNECTIVITY</b>	
Digital	1 x DVI-D (with HDCP); 1 x HDMI; USB ver. 2.0 (4 down / 1 up); 1 x DisplayPort
Analog	1 x mini D-sub 15 pin
<b>ELECTRICAL</b>	
Power Consumption on Mode [W]	20 (typ.); 14 (Eco Mode); 29 (max.)
Power Savings Mode [W]	< 0.5
Power Supply	100-120 V/220-240 V; internal power supply
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
<b>ERGONOMICS</b>	
Height adjustable Stand [mm]	130
Screen Tilt [°]	-5 to +30
Screen Tilt / Swivel [°]	-170 to +170
Screen Rotate [°]	0 to 90 (landscape to portrait mode)
<b>MECHANICAL</b>	
Dimensions (W x H x D) [mm]	556.2 x 408.9 x 230
Weight [kg]	7
VESA Mounting [mm]	100 x 100
<b>ADDITIONAL FEATURES</b>	
Colour Versions	White Front Bezel, White Back Cabinet; Black Front Bezel, Black Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	VESA DDCi; VESA DDC2B
Audio	Integrated Speakers (1 W + 1 W); Headphone Jack
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	Monitor; Power Cable; Control Sync Cable; USB Cable; Audio Cable; CD-ROM; Sales Office List; User Manual Signal Cable: VGA - VGA; DVI-D - DVI-D
Safety and Ergonomics	EPEAT Silver™; EPEAT™ Gold; CE; ErP; TCO 5.2; TÜV Ergonomics; TÜV GS; GEEA/Energy Label; Energy Star 5.0; FCC Class B; PCT/Gost; UL/C-UL or CSA; CCC; ISO 9241-307 (pixel failure class I); MPR III; RoHS
Warranty	3 years warranty incl. backlight