

# NEC EA223WM-BK

Order Code: EA223WM-BK

NEC LCD 22" Commercial Display

NEC EA223WM-BK 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 three inputs DisplayPort, DVID 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** - 22inch 16:10 TN with LED backlight.

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

**Free Download of Multi-Display Management Software** - with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.



## 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 synchronisation.



**SPECIAL CHARACTERISTICS**

Carbon Footprint Meter, Carbon Savings Meter, ControlSync®, Customise Setting, ErgoDesign®: Height adjustable stand (110 mm) with 90° Pivot features, NaViSet Administrator 2, NaViSet® and NaViSet® Administrator compatible, sRGB Support, USB ver. 2.0 (4 down / 1 up), Versatile and easy installation (VESA standard) with NaViSet and NaViKey, WindowsVistaCertifiedLogo



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

**Ecological Materials** Downloadable manuals

**Ecological Standards** TCO 5.2

**Technical Specification NEC EA223WM-BK**

<b>DISPLAY</b>	
Panel Technology	W-LED TN TFT
Screen Size [inch/cm]	22 / 55.87
Screen Aspect Ratio	16:10
Pixel Pitch [mm]	0.282
Brightness (typ.) [cd/m <sup>2</sup> ]	250
Contrast Ratio (typ.)	1000:1 (25000:1 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.]	16.7
<b>SYNCHRONISATION RATE</b>	
Horizontal Frequency [kHz]	31.5 - 82.3
Vertical Frequency [Hz]	56 - 75
<b>RESOLUTION</b>	
Optimum Resolution	1680 x 1050 at 60 Hz
Supported	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); USB ver. 2.0 (4 down / 1 up); 1 x DisplayPort
Analogue	1 x mini D-sub 15 pin
<b>ELECTRICAL</b>	
Power Consumption on Mode [W]	12 (Eco Mode); 25 (max.)
Power Savings Mode [W]	< 0.5
Power Supply	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]	503.5 x 384 x 218
Weight [kg]	5.6
VESA Mounting [mm]	100 x 100
<b>ADDITIONAL FEATURES</b>	
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 (analogue); 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™ Gold; CE; TCO 5.2; TÜV Ergonomics; TÜV GS; GEEA/Energy Label; Energy Star 5.0; FCC Class B; PCT/Gost; UL/C-UL or CSA; ISO 9241-307 (pixel failure class I); MPR III; RoHS
Warranty	Conditional 3 years warranty including backlight

For more information, visit [www.nec.com.au](http://www.nec.com.au), email [contactus@nec.com.au](mailto:contactus@nec.com.au) or call 131 632