NEC MultiSync® EA232WMi

Order Code: 60003106 (BK), 60003105   **NEC LCD 23" Commercial Display**

The EA232WMi is an update of the successful EA231WMi 23" with IPS technology. New features like LED backlight and Ambient Light Sensor reduce the already low power consumption. In addition, the production out of recycled plastic and mercury-free materials means less harm to the environment. Thanks to its excellent IPS image quality with wide viewing angels in a 16:9 screen format and a dynamic constrast of 25.000:1 the monitor offers a high level of ergonomic comfort.

Ideal for corporate customers with advanced office applications and multiscreen solutions in medium-sized and large companies.

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 (110 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

Excellent image quality - wide viewing angels thanks to IPS technology for better viewing comfort and multiscreen solutions.

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

Input - Display can be used with two digital (DVI-D, DisplayPort) and one analogue input.

Sustainable Office - low power consumption with LED backlight and ambient light sensor.

USB Hub - 1 up and 4 down ensures perfect connectivity for any USB devices.

DICOM Simulation - for straightforward radiological review applications.

OUTSTANDING PERFORMANCE

- Priority is given to the environmental compatibility. In addition to the W-LED backlights, the display has energy-efficient functions such as the Ambient Light Sensor, which automatically adjusts screen brightness to the surroundings. The One Touch Eco Button switches the monitor to the electricity-saving eco mode at the touch of a button.

- The connection options ensure leading-edge compatibility. With its USB hub, a DisplayPort, a DVI-D as well as an analogue interface, the NEC MultiSync® EA232WMi provides outstanding connectivity and the optimum basis for all business applications. The display also features speakers and a headphone socket for comfortable office communication.

- Height adjustment through up to 110 mm and the pivot function allow the screen to be positioned to meet individual needs and ensure a high degree of user-friendliness. Thanks to its ergonomic and ecological characteristics, the monitor has gained TCO 5.0 certification and been awarded the EPEAT Gold Seal.

- With the NEC MultiSync® EA232WMi we are introducing a high end corporate display that really meets the increased demand from today's companies. The combination of excellent image quality, ergonomic comfort, low operating costs and environmental compatibility make the monitor one of the best in its class.

www.nec-display-solutions.com

SPECIAL CHARACTERISTICS

Ambient light sensor for optimized brightness levels, Carbon Footprint Meter, Carbon Savings Meter, DICOM Simulation, integrated USB Hub, LED Backlight Technology, NaViSet®and NaViSet®Administrator compatible, sRGB Support, TORO™ Design, WindowsVistaCertifiedLogo

Technical Specification NEC MultiSync® EA232WMi	
DISPLAY	
Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	23 / 58.4
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.265
Brightness (typ.) [cd/m^2]	250
Contrast Ratio (typ.)	1000:1 (25.000:1 (typ.) dynamic contrast ratio)
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1); 178 horizontal / 178 vertical (typ. at contrast ratio 5:1)
Response Time (typ.) [ms]	14
Colours [Mio.]	16.77
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	30 - 83
Vertical Frequency [Hz]	50 - 75
RESOLUTION	
Optimum Resolution	1920 x 1080 at 60 Hz
Supported	1920 x 1200; 1600 x 1200; 1440 x 900; 1400 x 1050; 1360 x 768; 1280 x 1024; 1280 x 960; 1280 x 768; 1152 x 864; 1024 x 768; 800 x 600; 640 x 480
CONNECTIVITY	
Digital:	1 x DVI-D (with HDCP); 1 x DisplayPort
Analog:	1 x mini D-sub 15 pin; USB (1 up; 4 down)
ELECTRICAL	
Power Consumption on Mode [W]	21 (Eco Mode); 37 (max.)
Power Savings Mode [W]	< 0.44
Power Supply	100-120 V/220-240 V; 1.05 A/0.55 A; integrated power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
ERGONOMICS	
Height adjustable Stand [mm]	110
Screen Tilt / Swivel / Rotate [°]	-5 to +30 / -170 to +170
Screen Rotate [°]	0 to 90 (landscape to portrait mode)
MECHANICAL	
Bezel Width [mm]	19
Dimensions (W x H x D) [mm]	550 x 379 x 220; Without stand: 550.1 x 329 x 71
Weight [kg]	7.5
VESA Mounting [mm]	100 x 100
ADDITIONAL FEATURES	
Colour Versions	Silver Front Bezel; White Back Cabinet; Black Front Bezel, Black Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	VESA DDC/CI; DDC2B/2Bi; EDID Standard
Audio	1W + 1W (De-activateable)
Adjust Functions	Audio Volume / Lock-Out; Auto Adjust; Auto Brightness; Colour Temperature Control; Contrast; DV Mode; EcoMode; Fine Adjust (analog); Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; Power-Off Timer; sRGB
Shipping Content	Monitor; Power Cable; USB Cable; CD-ROM; Sales Office List; User Manual Signal Cable: VGA - VGA; DVI-D - DVI-D
Safety and Ergonomics	EPEAT Silver™; EPEAT™ Gold (black version); CE; ErP; TCO 5.0; 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 II/ MPR III; RoHS
Warranty	3 years warranty incl. backlight

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