

MultiSync® E232WMT (MultiTouch) LCD 23" Commercial Display

Datasheet



NEC MultiSync® E232WMT touch monitor features the latest 10-point P-Cap touch sensitive technology. Shipping with a highly flexible height-adjustable stand, the monitor can be adjusted to any user's need, and can also be used as a flat desktop tablet. The display offers broad connectivity with three inputs HDMI, DVI-D and D-Sub, and thanks to its excellent IPS image quality offers wide viewing angles in 16:9 screen format.

Ideal for the modern office, that is using the latest Windows 8 touch interaction in innovative and productive applications.

Benefits

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

Multi-Touch – true multi-touch support with up to 10 simultaneous touch points and Windows 8 compliant.

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

Ultra-modern and slim design – the product design is discreet and puts priority on the screen image and function.

Integrated Web-Cam – latest video-conferencing to assist team interaction for improved personal productivity.

Integrated Speakers, headphone jack and USB Hub – provide excellent options for office communication.

Ergonomic Office – full height adjustability (53 mm), tilt and flat mode ensures perfect individual ergonomic set-up.

Free DisplayNote Multiuser Licence – present, share, collaborate with up to 5 participants across multiple devices (available until May 2015).

Product Information

Product Name	MultiSync® E232WMT (MultiTouch)
Product Group	LCD 23" Commercial Display
Order Code	60003680

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	23 / 58.42
Screen Aspect Ratio	16:9

Pixel Pitch [mm]	0.265
Brightness (typ.) [cd/m ²]	250
Contrast Ratio (typ.)	1000:1 (15000:1 dynamic contrast ratio)
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	5
Colours [Mio.]	16.77

Synchronisation Rate

Horizontal Frequency [kHz]	30 - 83
Vertical Frequency [Hz]	56 - 75

Resolution

Optimum Resolution	1920 x 1080 at 60 Hz
Supported	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

Connectivity

Digital	1 x DVI-D (with HDCP); 1 x HDMI; USB ver. 3.0 (4 down / 1 up)
Analog	1 x mini D-sub 15 pin

Electrical

Power Consumption on Mode [W]	17 (typ.); 20 (Eco Mode); 52 (max.)
Power Savings Mode [W]	< 0.5
Power Supply	internal power supply

Environmental Conditions

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

Ergonomics

Height adjustable stand [mm]	53
Screen Tilt [°]	-5 to +90

Mechanical

Dimensions (W x H x D) [mm]	561 x 362.8 x 249.7
Weight [kg]	5.1
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	10-point P-Cap Touch Sensitivity; Carbon Footprint Meter; Carbon Savings Meter; Customize Setting; EcoModes; ErgoDesign®: Height adjustable stand (53 mm); LED Backlight Technology; sRGB Support; USB ver. 3.0 (4 down / 1 up); Windows 8 compatible
Kensington security slot	yes
Plug and Play	VESA DDC2B
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); Intelligent Power Management; Language Select; LED Brightness; Monitor Information; sRGB
Shipping Content	Audio Cable; Monitor; Power Cable; Setup Guide; USB Cable Signal Cable: [value1] x DVI-D; VGA - VGA

Safety and Ergonomics	CE; EnergyStar 6.0; FCC Class B; ISO 9241-307 (pixel failure class I); MPR III; PCT/Gost; RoHS; TCO 6.0; TCO Certified Edge Displays 1.2.; TÜV Ergonomics; UL/C-UL or CSA
Warranty	3 years warranty incl. backlight

Green Features

Energy Efficiency	Annual energy consumption: 25 kWh (based on 4 operating hours per day); Energy efficiency class: A+; Intelligent Power Management
Ecological Materials	Downloadable manuals
Ecological Standards	Energy Star 6.0; TCO 6.0; TCO edge



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