

MultiSync® E233WMi LCD 23" Commercial Display

Datasheet



NEC MultiSync® E233WMi - maximum flexibility for a healthy performance

The 23" 16:9 wide screen display targeting entry-level office applications.

With its IPS panel providing wide viewing angles, the screen features an easy-to-read and eye-pleasing image quality, whilst providing best performance for better working results.

Highly flexible ergonomic setting options including height adjust, tilt and swivel as well as vertical and horizontal display orientation results in a more pleasant and productive working environment. Ensuring the well-being of the user, built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates the effect of flickering. Whilst the users' eyes are protected, the low power consumption ensures an attractive Total Cost of Ownership.

Benefits

Business Class Image Quality - IPS (23") 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, thus protecting your eyes against cataracts and macular degeneration without compromise to true-to-life display colour performance.

Ergonomic Office - full height adjustability (100 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

Flexible office communication - integrated speakers and audio-out interface provide the flexibility you need at your desk.

Your environmental and social responsibility - NEC's TCO 7 and ENERGY STAR 7 certified display is environmentally designed with minimal hazardous material meeting the growing demand for more sustainable technologies.

Product Information

Product Name	MultiSync® E233WMI
Product Group	LCD 23" Commercial Display
Order Code	60004376 (BK), 60004377 (WH)

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	23 / 58
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.265
Brightness (typ.) [cd/m ²]	250
Contrast Ratio (typ.)	1000:1 (25000:1 dynamic contrast ratio)
Viewing Angle [°]	170 horizontal / 160 vertical (typ. at contrast ratio 10:1); 176 horizontal / 170 vertical (typ. at contrast ratio 5:1)
Response Time (typ.) [ms]	6 (grey-to-grey)
Colours [Mio.]	16.7

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 81.1
Vertical Frequency [Hz]	56 - 76

Resolution

Optimum Resolution	1920 x 1080 at 60 Hz			
Supported	1920 x 1080; 1680 x 1050; 1440 x 900;	1400 x 1050; 1360 x 768; 1280 x 1024;	1152 x 864; 1024 x 768; 800 x 600;	720 x 400; 640 x 480

Connectivity

Digital	1 x DisplayPort; 1 x DVI-D
Analog	1 x mini D-sub 15 pin

Electrical

Power Consumption on Mode [W]	19 (Eco Mode); 24 (typ.)
Power Savings Mode [W]	< 0.35
Power Supply	0.6 A/0.35 A; 100-120 V/220-240 V; 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 +20 / -45 to +45
Screen Rotate [°]	0 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]	16.4 (left and right); 16.8 (top and bottom)
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Dimensions (W x H x D) [mm]	544.3 x 374.5 x 213.9; Without stand: 544.3 x 322.2 x 53.3
Weight [kg]	5.7
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	ErgoDesign®: Height adjustable stand (110 mm), swivel (20°), and portrait (90°)
Colour Versions	Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	VESA DDC2Bi
Audio	Integrated Speakers (1 W + 1 W)
Adjust Functions	Auto Adjust; Auto Brightness; Brightness; Colour Control System; Contrast; Cost Meter; DV Mode; EcoMode; Expansion Mode; Factory Preset; IPM-Setting; Language Select; LED Brightness; Position; Power-Off Timer
Shipping Content	Monitor; Power Cable; Setup Guide Signal Cable: VGA - VGA
Safety and Ergonomics	CE; EnergyStar 6.0; ErP; FCC Class B; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; PCT/Gost; TCO 7.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA
Warranty	3 years warranty incl. backlight

Green Features

Energy Efficiency	Annual energy consumption: 43 kWh (based on 4 operating hours per day); Energy efficiency class: A+
Ecological Standards	Energy Star 7.0; TCO 7.0



CE



ErP



FCC Class B



ME06
PCT/Gost



TÜV
Ergonomics



TÜV GS

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