

MultiSync® E223W
LCD 22" Commercial Display

Datasheet



NEC MultiSync E223W features an extremely thin LED backlight panel which results in an ultra-modern and slim design in combination with a perfect feature set for the standard corporate office. The display offers 110 mm height adjustment and a broad connectivity with three inputs: DisplayPort, DVI-D and D-Sub.

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

Benefits

Image display – 22inch 16:10 TN with LED backlight.

Ergonomic Office – full height adjustability (110 mm), tilt and flat mode ensures perfect individual ergonomic set-up.

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

Cost Saving Device Management – save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

Product Name	MultiSync® E223W
Product Group	LCD 22" Commercial Display
Order Code	60003334 (BK), 60003335 (WH)

Display

Panel Technology	W-LED TN TFT
Screen Size [inch/cm]	22 / 56
Screen Aspect Ratio	16:10
Pixel Pitch [mm]	0.282
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); 178 horizontal / 178 vertical (typ. at contrast ratio 5:1)
Response Time (typ.) [ms]	5
Colours [Mio.]	16.7

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 82.3
Vertical Frequency [Hz]	56 - 75

Resolution

Optimum Resolution	1680 x 1050 at 60 Hz
Supported	1680 x 1050; 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 DisplayPort; 1 x DVI-D (with HDCP)
Analog	1 x mini D-sub 15 pin

Electrical

Power Consumption on Mode [W]	12 (Eco Mode); 17 (typ.); 24 (max.)
Power Savings Mode [W]	0.35
Power Supply	1 A/0.5 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 [°]	-5 to +20; -45 to +45
Screen Rotate [°]	0 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]	13.9 (left and right); 15.8 (top and bottom)
Dimensions (W x H x D) [mm]	503.5 x 383.3 x 213.9
Weight [kg]	5.6
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	Carbon Footprint Meter; Carbon Savings Meter; EcoModes; ErgoDesign®: Height adjustable stand (110 mm) with 90° Pivot features; NaViSet Administrator 2; sRGB Support; Touch Sensor Keys; WindowsVistaCertifiedLogo
Colour Versions	Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	DDC2B/2Bi; VESA DDC/CI
Adjust Functions	Auto Adjust; 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; Setup Guide Signal Cable: [value1] x DVI-D; VGA - VGA
Safety and Ergonomics	CE; Energy Star 5.0; ErP; FCC Class B; GEEA/Energy Label; ISO 9241-307 (pixel failure class I); MPR II/MPR III; PCT/Gost; RoHS; TCO 6.0; TÜV Ergonomics; TÜV GS; 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); Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy efficiency class: A+; Intelligent Power Management; LED backlight technology
Ecological Materials	Downloadable manuals
Ecological Standards	TCO 5.2



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