

MultiSync® E224Wi LCD 21.5" Commercial Display

Datasheet



The MultiSync® E224Wi is a high class 21.5" 16:9 format monitor with best IPS panel and latest energy saving LED backlight technology. It offers the latest DisplayPort connectivity and ergonomic adjustability for professional office users. Low power consumption and low operating costs make the display perfect for use in the professional office environment. Outstanding ergonomic comfort make it very user-friendly and help to increase productivity.

The ideal display for high performance office with compact space requirement.

Benefits

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

Highly flexible connectivity -- display can be used with two digital (DVI-D, DisplayPort) and one analogue input.

Image display – 21.5inch 16:9 IPS with LED backlight.

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® E224Wi
Product Group	LCD 21.5" Commercial Display
Order Code	60003584 (BK), 60003583 (WH)

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	21.5 / 54.62
Pixel Pitch [mm]	0.248
Brightness (typ.) [cd/m ²]	250

Contrast Ratio (typ.)	1000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
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	1680 x 1050; 1440 x 900; 1400 x 1050; 1366 x 768; 1360 x 768; 1280 x 1024; 1280 x 960; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 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]	16 (Eco Mode); 22 (typ.); 25 (max.)
Power Savings Mode [W]	0.4
Power Supply	0.45 A/0.25 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]	14.7 (left and right); 15.8 (top and bottom)
Dimensions (W x H x D) [mm]	507.4 x 364.5 x 213.9; Without stand: 507.4 x 301.1 x 58.5
Weight [kg]	5.9
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	21.5" (16:9) Highly efficient IPS panel with LED backlight saves more than 30 % energy; Carbon Footprint Meter; Carbon Savings Meter; EcoModes; ErgoDesign®: Height adjustable stand (110 mm) with 90° Pivot features; NaViSet Administrator 2; sRGB Support; TORO™ Design; Windows 7 compatible; Windows 8 compatible
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 DDC2B
Adjust Functions	Auto Adjust; Brightness; Carbon Footprint Meter / Carbon Savings Meter; Contrast; DV Mode; EcoMode; Language Select

Shipping Content	Monitor; Power Cable; Setup Guide Signal Cable: [value1] x DVI-D; VGA - VGA
Safety and Ergonomics	CE; EnergyStar 6.0; FCC Class B; MPR III; PSB; RoHS; TCO 6.0; TÜV Ergonomics; TÜV GS
Warranty	3 years warranty incl. backlight

Green Features

Energy Efficiency	Annual energy consumption: 32 kWh (based on 4 operating hours per day); Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy efficiency class: B; LED backlight technology
Ecological Materials	Downloadable manuals
Ecological Standards	Energy Star 6.0; ErP compliant; RoHS compliant; TCO 6.0



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