\Orchestrating a brighter world NEC

MultiSync® EA245WMi-2

LCD 24” Commercial Display

Datasheet

NEC MultiSync® EA245WMi-2 Ultra-Thin Bezel - The Office benchmark, combining sleek and elegant design with health-conscious performance

The 24” ultra-thin bezel display targeting ultimate office productivity, performance and quality, fulfils the demand for future-ready design. With its full height adjustability from 0 to 150 mm and 170° swivel functionality this display ensures perfect individual ergonomic set-up supporting best productivity. 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. The users’ eyes are protected whilst ensuring a true-to-life display colour performance from all viewing angles. The LED backlight panel with AH-IPS technology supports a high display brightness of 300 cd/m² and in parallel lowers power consumption.

The ultra-narrow bezel display reduces the display footprint without compromising on screen size and gives an office a fresh professional interior with its sleek and elegant design.

Benefits

Ergonomic Office – full height adjustability (150 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

Future-Ready Design – best in form and function design with 3-sided 0.8 mm ultra-thin bezel gives an office a fresh professional interior.

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.

Highest Productivity and efficient Multi-Tasking – reduce the number of PCs and Daisy-Chain multiple displays using DisplayPort (out) and benefit from Uniformity Control for a consistent visualisation in a trading floor setup.

Auto-Adjust Power Consumption – to minimize unnecessary power, Human and Ambient Light Sensor adjusts the display brightness when a user leaves his desk.

Business Class Image Quality – Advanced High-Performance IPS (AH-IPS) panel provides the very best viewing angles as well as noticeably better colour reproduction.

Product Information

Product Name	MultiSync® EA245WMi-2
Product Group	LCD 24" Commercial Display
Order Code	60004486 (BK), 60004488 (WH)

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	24 / 61
Screen Aspect Ratio	16:10
Pixel Pitch [mm]	0.270
Brightness (typ.) [cd/m²]	300
Contrast Ratio (typ.)	1000:1 (5000:1 dynamic contrast ratio)
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	6
Colours [Mio.]	16.77

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 95
Vertical Frequency [Hz]	56 - 75

Resolution

Optimum Resolution	1920 x 1200 at 60 Hz			
Supported	1920 x 1200; 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 DisplayPort; 1 x DisplayPort out; 1 x DVI-D; 1 x HDMI; USB ver. 3.0 (3 down / 1 up)
Analog	1 x D-sub 15 pin

Electrical

Power Consumption on Mode [W]	22 (Eco Mode); 22 (typ.); 28 (max.)
Power Savings Mode [W]	0.3
Power Supply	internal power supply

Environmental Conditions

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

Ergonomics

Height adjustable stand [mm]	150
Screen Tilt / Swivel [°]	-5 to +35; -170 to +170
Screen Rotate [°]	-90 to 90 (landscape to portrait mode)

Mechanical

Dimensions (W x H x D) [mm]	With stand: 531.5 x 515.4 x 250
Weight [kg]	6.7

VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Customize Setting; DICOM preset; DICOM Simulation; EcoModes; Human Sensor; LED Backlight Technology; NaViSet Administrator 2; sRGB Support; Touch Sensor Keys; USB ver. 3.0 (3 down / 1 up)
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; VESA DDCi
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); Human Sensing; Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; One Touch Recovery; Power-Off Timer; sRGB
Shipping Content	Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Setup Guide; USB Cable
Safety and Ergonomics	CE; EnergyStar 7.0; Flicker-free; Low Blue Light; TCO 7.0
Warranty	3 years warranty incl. backlight; optional 4th to 5th year warranty extension

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 31 kWh (based on 4 operating hours per day); Energy efficiency class: A+; Human sensor; Intelligent Power Management
Ecological Materials	Downloadable manuals
Ecological Standards	Energy Star 7.0; TCO 7.0

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