\Orchestrating a brighter world NEC

MultiSync® EA295WMi
LCD 29" Commercial Display

Datasheet





NEC MultiSync ® EA295WMi – the wide format desktop and digital signage experience

The NEC MultiSync ® EA295WMi with 29" IPS LED backlight panel provides a resolution of 2560 x 1080 which results in an impressive wide screen design.

The 21:9 aspect ratio is the ideal replacement for a multi-desktop scenario, yet enjoying a seamless viewing experience without interrupting bezels. In addition to desktop scenarios, the wide screen is equally well placed for stylish digital signage installations gaining from the extraordinary form factor. Ambient Light and Human Sensors, Low Blue Light Plus and Flicker-Free technology deliver best viewing performance, high ergonomics and user wellbeing.

The NEC MultiSync ® EA295WMi targets applications in financial trading floors and high-end offices and attracts attention with digital signage.

Benefits

Ergonomic Office – full height adjustability (130 mm), tilt and flat mode ensures perfect individual ergonomic set-up.

Highly efficient content arrangement – utilise individual screen splitting using multiple picture in picture / picture by picture settings to arrange all inputs according to your preferred working behaviour.

Protecting your eyes from strain and damage – Built-in Low Blue Light Plus 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.

Optimised workspace ergonomics – just one keyboard and mouse controlled by the display is required to manage two PCs in parallel, helping you to declutter your desk and optimise your workspace ergonomics.

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.

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® EA295WMi
Product Group	LCD 29" Commercial Display
Order Code	60003817 (BK), 60003818 (WH)

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	29 / 73
Screen Aspect Ratio	21:9
Brightness (typ.) [cd/m²]	300
Contrast Ratio (typ.)	1000:1 (25000:1 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 - 83
Vertical Frequency [Hz]	56 - 75

Resolution

Optimum Resolution	2560 x 1080 at 60 Hz
Supported	2560 x 1080; 1920 x 1080; 1600 x 1200; 1440 x 900; 1400 x 1050; 1360 x 768; 1280 x 1080; 1280 x 1024; 1280 x 960; 1280 x 768; 1152 x 864; 1024 x 768; 800 x 600; 640 x 480

Connectivity

Digital	1 x DisplayPort; 1 x DisplayPort out; 2 x HDMI; USB ver 3 (2 up / 2 down) ver 2 (2 down)
Analog	1 x VGA

Electrical

Power Consumption on Mode [W]	28 (Eco Mode); 42 (typ.); 50 (max.)
Power Savings Mode [W]	< 0.4
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]	130
Height adjustable stand [mm]	130
Screen Tilt / Swivel [°]	-5 to +30; -170 to +170
Screen Rotate [°]	0 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]	15.5 (left and right); 18 (top and bottom)
Dimensions (W x H x D) [mm]	705.8 x 410.4 x 230; Without stand: 705.8 x 321.8 x 69.1
Weight [kg]	9.6
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Cost Meter; DICOM Simulation; ErgoDesign®: Height adjustable stand (130 mm), swivel (170°), and portrait (90°); Human Sensor; LED Backlight Technology; NaViSet Administrator 2; Picture-by-Picture; PiP/PbP; sRGB Support
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; EDID Standard; VESA DDC/CI
Audio	1W + 1W (De-activateable)
Adjust Functions	Audio Volume / Lock-Out; Auto Adjust; Auto 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	Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Setup Guide; USB Cable
Safety and Ergonomics	CCC; CE; Energy Star 5.0; ErP; FCC Class B; GEEA/Energy Label; ISO 9241-307 (pixel failure class I); Low Blue Light; MPR II/ MPR III; PCT/Gost; RoHS; TCO 6.0; TCO Certified Edge Displays 1.2.; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA
Warranty	3 years warranty incl. backlight; optional 4th to 5th year warranty extension

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 61 kWh (based on 4 operating hours per day); Energy efficiency class: C; Human sensor; Intelligent Power Management
Ecological Materials	Downloadable manuals
Ecological Standards	Energy Star 7.0; RoHS compliant; TCO 7.0; TCO edge

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