Datasheet

The NEC MultiSync ® EA294WMi features an extremely thin 29" 21:9 IPS LED backlight panel with a resolution of 2560 x 1080 which results in an ultra-modern and slim design. Due to the new format which complies with a dual screen set up of two 19" conventional screens it is an excellent alternative for any multiple screen set up. Ambient Light and Human Sensors enforce the sustainable product concept while offering improved ergonomics with 130 mm height adjustability. The new Control Sync Feature enables multimonitor adjustment synchronization and the MHL (Mobile High Definition Link) offers direct connectivity of the monitor with your smart phone.

Ideal for the corporate office that demands style and future proof technology.

Benefits

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

Green Product Concept – Eco Mode and Carbon Footprint Meter / Carbon Savings Meter, Ambient Light Sensor.

Ultra-modern and slim design – the product design is discreet and puts priority on the screen image and function.

Ambient Light Sensor – with Auto Brightness function always sets optimised brightness level according to ambient light and content conditions.

Easy Control – of up to six displays in a multi-monitor configuration with ControlSync® technology.

Human Sensor – detects the presence of a person in front of the screen; display switches on/off automatically depending on the presence of the user.

DICOM Simulation – for straightforward radiological review applications.

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® EA294WMi
Product Group	LCD 29" Commercial Display
Order Code	60003417 (BK), 60003415 (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 DVI-D (Single Link); 1x HDMI/MHL; 1x DVI-D (Dual Link); USB ver. 2.0 (4 down / 1 up)
Analog	2 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
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; sRGB Support; USB ver. 2.0 (4 down / 1 up); 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	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); 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 5.0; TCO 6.0; TCO edge