

MultiSync® EA275WMi
NEC LCD 27" Commercial Display

Datasheet



The NEC MultiSync® EA275WMi features an extremely thin 27" IPS LED backlight panel with a resolution of 2560 x 1440 which results in an ultra-modern and slim design. Ambient Light and Human Sensors enforce the sustainable product concept while offering improved ergonomics with 130 mm height adjustability. The ergonomic performance of this display is further enhanced by the excellent IPS image quality. Finally, the display offers future-proof connectivity with four connectors: DisplayPort, DVI-I (Dual Link), HDMI and DisplayPort out.

Ideal for the corporate office that values personal productivity, demands stylish products and insists on the best future proof technology.

Benefits

Feature Set for Perfect Office Use – Integrated Speakers, headphone jack and USB Hub provide excellent options for office communication.

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

Image display – 27inch 16:9 IPS with LED backlight.

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

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.

Easy Multi-Monitor Setup – DP Daisy Chain and ControlSync for easy setup and control of highly productive multi-monitor setups.

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® EA275WMI
Product Group	NEC LCD 27" Commercial Display
Order Code	60003813 (BK), 60003814 (WH)

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	27 / 68.5
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.233
Brightness (typ.) [cd/m ²]	350
Contrast Ratio (typ.)	1000:1 (20000:1 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 1440 at 60 Hz
Supported	2560 x 1440; 1920 x 1440; 1920 x 1080; 1600 x 1200; 1280 x 1024; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 640 x 480

Connectivity

Digital	1 x DisplayPort; 1 x DisplayPort out; 1 x HDMI; USB ver 3 (1 up / 2 down) ver 2 (1 down)
Digital/ Analog:	1 x DVI-I; Dual Link DVI

Electrical

Power Consumption on Mode [W]	35 (Eco Mode); 47 (typ.); 57 (max.)
Power Savings Mode [W]	0.47
Power Supply	1.2 A/0.6 A; 100-120 V/220-0 V; internal power supply

Environmental Conditions

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

Ergonomics

Height adjustable stand [mm]	130
Screen Tilt [°]	-5 to +30
Screen Swivel [°]	-170 to +170
Screen Rotate [°]	0 to 90 (landscape to portrait mode)

Mechanical

Dimensions (W x H x D) [mm]	639.2 x 417.9 x 230
Weight [kg]	8.7
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	Ambient light sensor for optimized brightness levels; Auto Contrast; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Customize Setting; DICOM Simulation; EcoModes; ErgoDesign®: Height adjustable stand (130 mm) with 90° Pivot features; Human Sensor; LED Backlight Technology; Picture-by-Picture; Versatile and easy installation (VESA standard) with NaViSet and NaViKey; 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); Headphone Jack
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; 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 6.0; ErP; FCC Class B; 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; optional 4th to 5th year warranty extension

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 60 kWh (based on 4 operating hours per day); Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy efficiency class: B; Human sensor
Ecological Materials	Efficient mechanical design for minimised packaging; Minimal use of harmful material
Ecological Standards	ErP compliant; TCO 6.0; TCO edge



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