

Desktop Display

# NEC MultiSync EA271F



- Ergonomic Office – full height adjustability (150 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.
- Best in form and function – future-ready design with 3-sided ultra-narrow bezel, available in black or white, complementing a fresh professional office interior.
- Maximise image quality with Uniformity Control – benefit from perfect uniformity across multi-screen setups with just one click in the display's on-screen menu.
- 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.
- Ease of multi-display control – manage the settings of up to 5 displays in a multi-monitor configuration via the master display with ControlSync® technology.

# Specifications

## DISPLAY

Panel Technology	AH-IPS LCD with LED Backlight
Screen Size [inch/cm]	27 / 69
Pixel Pitch [mm]	0.311
Brightness (typ.) [cd/m²]	250
Contrast Ratio (typ.)	1000:1 (5000:1 dynamic contrast ratio)
Response Time (typ.) [ms]	6
Colours [Mio.]	16.777
Screen Aspect Ratio	16:9
Colour Gamuts	102 % sRGB; 75.5% AdobeRGB, 72% NTSC

## RESOLUTION

Optimum Resolution Supported	1920 x 1080 at 60 Hz 1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 960; 1440 x 900; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400 (70 Hz); 800 x 600
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## ELECTRICAL

Power Consumption on Mode [W]	12 (Eco Mode 2); 17 (Eco Mode); 17 (typ.); 45 (max.)
Power Savings Mode [W]	< 0.5
Power Supply	0.85 A / 0.45 A; 100-240 V; integrated power supply

## ERGONOMICS

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

## MECHANICAL

Bezel Width [mm]	1 (left and right); 1 (top)
Dimensions (W x H x D) [mm]	359.8 x 628.4 - 652.6 x 250 (Portrait mode); 610.2 x 377.3 - 527.3 x 250 (Landscape mode)
Weight [kg]	7.6
VESA Mounting [mm]	100 x 100

## SYNCHRONISATION RATE

Horizontal Frequency [kHz]	31.5 - 83
Vertical Frequency [Hz]	56 - 75

## CONNECTIVITY

Digital	1 x DisplayPort; 1 x DVI-D; 1 x HDMI; USB ver. 3.1 (3 down / 1 up)
Analog	1 x VGA

## ENVIRONMENTAL CONDITIONS

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 85
Storage Temperature [°C]	-10 to 60

## ADDITIONAL FEATURES

Special Characteristics	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; Customize Setting; DICOM preset; DICOM simulation; EcoModes; Human Sensor; LED Backlight Technology; NaViSet Administrator 2; Quick release Stand and Handle; sRGB Support; Touch Sensor Keys; USB ver. 3.1 (2 down / 1 up)
Colour Versions	Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet
Cable Management	•
Kensington security slot	•
Plug and Play	DDC2B / 2Bi; EDID Standard; VESA DDC / CI
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; Factory Preset; 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 Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Set-up Manual; Setup Guide; USB Cable
Shipping Content	CE; EAC; EnergyStar 8.0; ErP; FCC Class B; Flicker-free; ISO 9241-307 (pixel failure class 2); ISO 9241-307 (pixel failure class 1); Low Blue Light; PSB; RoHS; TCO 8.0; TÜV Ergonomics; TÜV GS; UL / C-UL or CSA
Safety and Ergonomics	3 years warranty incl. backlight; optional 1st to 3rd year 24 / 7 usage warranty; optional 4th to 5th year warranty extension
Warranty	MDSVSENSOR Value
Optional Accessories	

## GREEN FEATURES

Energy Efficiency	Ambient light sensor; Auto brightness; Carbon Footprint Meter / Carbon Savings Meter; EcoMode; Energy consumption: 11 kWh / 1000 h; Energy efficiency class: C; Human sensor; LED backlight technology
Ecological Standards	Efficient mechanical design for minimised packaging; Minimal use of harmful material
Ecological Materials	Energy Star 8.0; ErP compliant; TCO 8.0; WEEE

