

LCD 27" Enterprise Display

NEC MultiSync® EA271F



NEC MultiSync® EA271F – future-proof professional office productivity, matching best visualisation with superior ergonomics

Protecting your health and comfort, this highly adjustable 27" ultra-narrow bezel display adapts to your ideal desktop scenario maximising efficiency and office productivity.

Outstanding ergonomic features allow perfect display adjustment according to your individual needs. In addition, high attention is given to ensuring user well-being with an integrated ambient light sensor, Low Blue Light and Flicker-Free technology to protect the viewer's eyes. Investment protection is assured with comprehensive connectivity.

The display attracts office professionals as well as control room and trading floor operators. Perfectly designed for multiple display set-ups, the ultra-narrow bezel ensures minimal gaps between productive screen areas.

Benefits

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

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.

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.

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.

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.

Specifications

Product Information

Product Name

NEC MultiSync® EA271F

Product Group

LCD 27" Enterprise Display

Order Code

L50EA271F

Display

Panel Technology

AH-IPS LCD with LED Backlight

Screen Size [inch/cm]

27 / 69

Screen Aspect Ratio

16:9

Colour Gamuts

102 % sRGB; 75.5% AdobeRGB, 72% NTSC

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

Synchronisation Rate

Horizontal Frequency [kHz]

31.5 - 83

Vertical Frequency [Hz]

56 - 75

Resolution

Optimum Resolution

1920 x 1080 at 60 Hz

Supported

1024 x 768;	1440 x 900;	720 x 400 (70 Hz);
1280 x 1024;	1680 x 1050;	800 x 600
1280 x 720;	1920 x 1080;	
1280 x 960;	640 x 480;	

Connectivity

Digital

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

Analog

1 x VGA

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

Environmental Conditions

Operating Temperature [°C]

+5 to +35

Operating Humidity [%]

20 to 80

Storage Humidity [%]

10 to 85

Storage Temperature [°C]

-10 to 60

Ergonomics

Height adjustable stand [mm]

150 (Landscape mode)

Screen Tilt [°]

-5 to 35

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]

With stand: 7.6; Without stand: 5

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 (150 mm) with 90° Pivot features; Human Sensor; LED Backlight Technology; Quick release Stand and Handle; USB ver. 3.1 (3 down / 1 up); Versatile and easy installation (VESA standard) with NaViSet and NaViKey; Windows 10 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

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

Shipping Content

Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Set-up Manual; Setup Guide; USB Cable

Safety and Ergonomics

CE; EAC; EnergyStar 8.0; ErP; FCC Class B; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TCO 8.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA

Warranty

3 years warranty incl. backlight; optional 1st to 3rd year 24/7 usage warranty; optional 4th to 5th year warranty extension

Optional Accessories

MDSVSENSOR Value

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 Materials

Efficient mechanical design for minimised packaging; Minimal use of harmful material

Ecological Standards

Energy Star 8.0; ErP compliant; TCO 8.0; WEEE

* EnergyStar 8.0

* TCO 8.0



ErP



CE



TÜV GS



FCC Class B



TÜV Ergonomics



TCO 8.0



RoHS

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