

MultiSync® EA271F LCD 27" Commercial Display

Datasheet



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 ergonomic set-up.

Best in form and function - future-ready design with 3-sided 1 mm ultra-narrow bezel, available in black or white, complementing a fresh professional office interior.

Auto-Adjust Power Consumption - to minimize unnecessary power usage, the Human and Ambient Light Sensors adjust the display brightness according to user presence and room lighting conditions.

Maximum connectivity flexibility - the complete connectivity range (VGA, DVI, DP, HDMI, USB) allows full flexibility for users to connect the display to existing platforms.

Ease of multi-display control - Manage the settings of up to six displays in a multi-monitor configuration via the master display with ControlSync® technology.

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.

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.

Product Information

| | |
|---------------|------------------------------|
| Product Name | MultiSync® EA271F |
| Product Group | LCD 27" Commercial Display |
| Order Code | 60004304 (BK), 60004634 (WH) |

Display

| | |
|--|--|
| Panel Technology | AH-IPS LCD with LED Backlight |
| Screen Size [inch/cm] | 597.89 / 336.31 |
| Screen Aspect Ratio | 16:9 |
| Colour Gamuts | 72 % sRGB |
| Pixel Pitch [mm] | 0.311 |
| Brightness (typ.) [cd/m ²] | 250 |
| Contrast Ratio (typ.) | 1000:1 (5000:1 dynamic contrast ratio) |
| Response Time (typ.) [ms] | 6 (grey-to-grey) |
| 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 | 1920 x 1080; 1680 x 1050; 1440 x 900; | 1280 x 1024; 1280 x 960; 1280 x 720; | 1024 x 768; 800 x 600; 720 x 400 (70 Hz); | 640 x 480 |

Connectivity

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|---------|--|
| 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; 100-120 V/220-0 V; internal power supply |

Environmental Conditions

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|----------------------------|-----------|
| 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 |
| Screen Tilt [°] | -5 to 35 |
| Screen Swivel [°] | -170 to Value |
| Screen Rotate [°] | -90 to 90 (landscape to portrait mode) |

Mechanical

| | |
|-----------------------------|---|
| 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

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|--------------------------|--|
| 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; 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 0.0; ErP; FCC Class B; ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TCO 7.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA |
| Warranty | 3 years warranty incl. backlight; optional 4th to 5th year warranty extension |
| Optional Accessories | MDSVSENSOR Value |

Green Features

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|----------------------|--|
| Energy Efficiency | Ambient light sensor; Auto brightness; Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy efficiency class: A+; Human sensor; LED backlight technology |
| Ecological Materials | Efficient mechanical design for minimised packaging; Minimal use of harmful material |
| Ecological Standards | Energy Star 0.0; ErP compliant; TCO 7.0; WEEE |



CE



ErP



FCC Class B



RoHS



TÜV
Ergonomics



TÜV GS

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