\Orchestrating a brighter world NEC

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.

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 and USB) allows full flexibility for users to connect the display to existing platforms.

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.

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.

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]	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	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

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 7.1; ErP; FCC Class B; Flicker-free; ISO 9241-307 (pixel failure class 2); 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

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	ErP compliant; TCO 7.0; WEEE

CE ErP FCC Class B RoHS TÜV Ergonomics TÜV GS

This document is © 2020 NEC Display Solutions Europe GmbH.

All rights reserved in favour of their respective owners. All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All specifications are subject to change without notice. Errors and omissions are excepted. 05.03.2020