Desktop Display

Sharp/ NEC MultiSync EA272F

- In-demand display size – the popular 27.0" display with Full HD resolution is the perfect size for busy office workspaces.

- Future-proof flexibility – wide connectivity provides high-level flexibility with DP, HDMI, USB Type C, USB A and audio output.

- Maximum attention to health and well-being – with outstanding ergonomic height adjustment from 0 to 150 mm; built-in Low Blue Light and Flicker-Free technology; plus integrated ambient light sensor.

- Clutter-free workspace – Powerful 65W USB Type-C connectivity manages video, audio, power and USB via a single cable.

- Easy multi-screen set-up – Daisy-chain multiple display configurations through DisplayPort-out, no additional cables needed.

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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	1920 x 1080 at 60 Hz
Supported	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

ELECTRICAL

Power Consumption on Mode [W]	15 (Eco Mode 2); 21 (typ.)
Power Savings Mode [W]	3
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 (Landscape mode)
Screen Swivel [°]	-170 to 170
Screen Rotate [°]	-90 to 90 (landscape to portrait mode)

MECHANICAL

Bezel Width [mm]	0.8 (left and right); 0.8 (top); 15.8 (bottom)
Dimensions (W x H x D) [mm]	359.8 x 628.4 - 651.6 x 250 (Portrait mode); 610.2 x 377.3 - 527.3 x 250 (Landscape mode)
Weight [kg]	9.2
VESA Mounting [mm]	100 x 100

SYNCHRONISATION RATE

Horizontal Frequency [kHz]	31.5 - 83
Vertical Frequency [Hz]	55 - 75

CONNECTIVITY

Digital	1 x DisplayPort; 1 x DisplayPort out; 1 x HDMI; 1 x USB Type C; 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	Customize Setting; DICOM preset; DICOM simulation; NaViSet Administrator 2; Quick release Stand and Handle; sRGB Support; Touch Sensor Keys
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
Shipping Content	Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Set-up Manual; Setup Guide; USB Cable; USB-C Cable
Safety and Ergonomics	CE; EAC; EnergyStar 8.0; 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 8.0; TCO Edge 2.0; 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; Auto brightness; Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy consumption: 15 kWh / 1000 h; Energy efficiency class: D; Human sensor; LED backlight technology
Ecological Standards	Efficient mechanical design for minimised packaging; Minimal use of harmful material
Ecological Materials	ErP compliant; WEEE

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