

Desktop Display

NEC MultiSync EA271Q



- More details visible on the screen – the Quad HD resolution of up to 2560 x 1440 pixels offers 1.75 times more screen details compared to Full-HD.
- 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.
- 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.
- Newest USB Type-C connectivity standard – optimize connectivity and declutter your desk; replace video, audio, power and USB cabling with just a single cable.
- Ease of multi-display control – manage the settings of up to 8 displays in a multi-monitor configuration via the master display with ControlSync® technology.

Specifications

DISPLAY

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	27 / 68
Pixel Pitch [mm]	0.233
Brightness (typ.) [cd/m²]	350
Contrast Ratio (typ.)	1000:1 (7000:1 dynamic contrast ratio)
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	6
Colours [Mio.]	16.78
Screen Aspect Ratio	16:9
Colour Gamuts	100 % sRGB; 75 % NTSC

RESOLUTION

Optimum Resolution Supported	2560 x 1440 at 60 Hz 1024 x 768; 1152 x 864; 1280 x 1024; 1600 x 1200; 1920 x 1080; 1920 x 1440; 2560 x 1440; 640 x 480; 800 x 600; 832 x 624
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ELECTRICAL

Power Consumption on Mode [W]	150 (max.); 30 (Eco Mode 2); 37 (Eco Mode 1); 37 (shipping); 37 (typ.)
Power Savings Mode [W]	0.35
Power Supply	0.75 A / 1.6 A; 100-240 V; internal power supply

ERGONOMICS

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

MECHANICAL

Bezel Width [mm]	1 (left / right / top)
Dimensions (W x H x D) [mm]	361.9 x 628.6 - 652.1 x 250 (Portrait mode); 611.8 x 378 - 528 x 250 (Landscape mode)
Weight [kg]	9.1
VESA Mounting [mm]	100 x 100

SYNCHRONISATION RATE

Horizontal Frequency [kHz]	31.5 - 94
Vertical Frequency [Hz]	56 - 75

CONNECTIVITY

Digital	1 x DisplayPort; 1 x DisplayPort out; 1 x HDMI; 1 x USB Type C (60 W); 1x DVI-D (Dual Link); USB ver. 3.1 (3 down / 1 up)
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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; 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	1W + 1W (De-activateable); Headphone Jack
Adjust Functions	Audio Volume / Lock-Out; Auto Adjust; Brightness; Colour Temperature Control; Contrast; Control Sync; DV Mode; EcoMode; Human Sensing; Intelligent Power Management; Language Select; Monitor Information; On-Screen-Display (OSD) lock-out; One Touch Recovery; Power-Off Timer
Shipping Content	Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Setup Guide; USB Cable
Safety and Ergonomics	CE; EAC; ErP; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TCO 8.0; TCO Edge Certified 1.2; 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

GREEN FEATURES

Energy Efficiency	Ambient light sensor; ECOMode; Energy consumption: 21 kWh / 1000 h; Energy efficiency class: E; Human sensor
Ecological Standards	Minimal use of harmful material
Ecological Materials	Energy Star 8.0; ErP compliant; RoHS compliant; TCO 8.0; TCO edge

