Datasheet

NEC MultiSync® EA271Q – future-proof professional office productivity, matching premium visualisation with superior ergonomics

The 27" highly adjustable visual surface with 1440p Quad HD resolution delivers 1.75 times more content details compared to Full-HD. The screen area is used more efficiently thus providing the means to promote maximum office productivity.

Declutter your desk using the display's USB Type-C connectivity managing video, audio, power and USB with just a single cable. 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

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 providing significantly more screen space especially in multi-screen setups.

Newest USB Type-C connectivity standard – optimize connectivity and declutter your desk; replace video, audio, power and USB cabling with just a single cable to connect your notebook/tablet PC with the display.

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

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.

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.

Maximum attention to health and well-being – the outstanding ergonomic height adjustment from 0 to 150 mm; eye pleasing built-in Low Blue Light and Flicker-Free technology; plus integrated ambient light sensor all combines to tailor the perfect individual setup to boost productivity.

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.

Product Information

Product Name	MultiSync® EA271Q
Product Group	LCD 27" Commercial Display
Order Code	60004303 (BK), 60004650 (WH)

Display

Panel Technology	PLS TFT with W-LED backlight
Screen Size [inch/cm]	27 / 68
Screen Aspect Ratio	16:9
Colour Gamuts	100 % sRGB; 75 % NTSC
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

Synchronisation Rate

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

Resolution

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

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 / 2 up)
Digital/ Analog:	1 x DVI-I; Dual Link DVI

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

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
Screen Tilt [°]	-5 to 35

Screen Swivel [°]	-170 to +170
Screen Rotate [°]	0 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]	With stand: 9.1; Without stand: 5.7
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Customize Setting; DisplayPort; EcoModes; ErgoDesign®: Height adjustable stand (150 mm) with 90° Pivot features; Human Sensor; LED Backlight Technology; NaViSet Administrator 2; Picture-by-Picture; Quick release Stand and Handle; TileMatrix; Touch Sensor Keys; USB ver. 3.1 (3 down / 2 up); Versatile and easy installation (VESA standard) with NaViSet and NaViKey; Windows 8 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	1W + 1W (De-activateable); Headphone Jack
Adjust Functions	Audio Volume / Lock-Out; Auto Adjust; Brightness; Colour Temperature Control; Contrast; Control Sync; DV Mode; EcoMode; 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
Shipping Content	Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Setup Guide; USB Cable
Safety and Ergonomics	CE; EAC; ErP; ISO 9241-307 (pixel failure class I); PSB; RoHS; TCO 2.0; TCO Certified Edge Displays 1.2.; 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; ECOMode; Energy efficiency class: A; Human sensor
Ecological Materials	Minimal use of harmful material
Ecological Standards	Energy Star 7.1; ErP compliant; RoHS compliant; TCO 7.0; TCO edge

CE	ErP	RoHS	TCO Certified Edge Displays 1.2.	TÜV Ergonomics	TÜV GS