Desktop Display

NEC MultiSync EA242F

- In-demand display size – the popular 23.8" display with Full HD resolution is the perfect size for busy office workspaces.

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

- Maximum attention to health and well-being – including ergonomic height adjustment; built-in Low Blue Light and Flicker-Free technology; plus integrated ambient light sensor.

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

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

www.sharp.co.uk

SHARP

Specifications

DISPLAY

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	24 / 60.47
Pixel Pitch [mm]	0.275
Brightness (typ.) [cd/m²]	250
Contrast Ratio (typ.)	1000:1 (5000:1 dynamic contrast ratio)
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	5
Colours [Mio.]	16.78
Screen Aspect Ratio	16:9
Colour Gamuts	101.6 % sRGB; 75.3% 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; 720 x 480; 720 x 576; 800 x 600

ELECTRICAL

Power Consumption on Mode [W]	15 (Eco Mode 2); 21 (typ.)
Power Savings Mode [W]	0.3
Power Supply	0.9 A / 0.5 A; 100-240 V; internal power supply

ERGONOMICS

Screen Tilt [°]	-5 to 35
Height adjustable stand [mm]	150 (Landscape mode)
Screen Swivel [°]	-170 to 170
Screen Rotate [°]	0 to 90 (landscape to portrait mode)

MECHANICAL

Bezel Width [mm]	0.8 (left / right / top); 15.8 (bottom)
Dimensions (W x H x D) [mm]	319.1 x 555.6 - 615.4 x 250 (Portrait mode); 537.7 x 336.6 - 486.6 x 250 (Landscape mode)
Weight [kg]	7
VESA Mounting [mm]	100 x 100 (4 points)

SYNCHRONISATION RATE

Horizontal Frequency [kHz]	31.5 - 83
Vertical Frequency [Hz]	50 - 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 D-sub 15 pin

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

Colour Versions	Black Front Bezel, Black Back Cabinet
Cable Management	•
Kensington security slot	•
Plug and Play	DDC2B / 2Bi; VESA DDC / CI; VESA DDC2Bi
Audio	Integrated Speakers (1 W + 1 W)
Adjust Functions	Advanced NTAA (Advanced Non-Touch-Auto-Adjustment)
Shipping Content	Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Set-up Manual; USB Cable; USB-C Cable
Safety and Ergonomics	CE; EAC; EnergyStar 8.0; ErP; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TCO 8.0; TÜV Ergonomics; TÜV GS; UL / C-UL or CSA; WEEE
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; Energy consumption: 13 kWh / 1000 h; Energy efficiency class: D; Human sensor
Ecological Standards	ErP compliant; RoHS compliant; WEEE

FLICKER-FREE TECHNOLOGY   LOW BLUE LIGHT TECHNOLOGY   NaViSet Administrator 2   A↑G D