SHARP / NEC

Datasheet

Primed for Office Productivity

Optimised for multi-display set ups, the ultra-narrow bezel NEC MultiSync® EA242WU is designed to support maximum productivity in today's hybrid workspaces. Daisy-chaining neighbouring displays, embedded LAN and USB-C connectivity all contribute to minimal cabling and maximum flexibility – the display becomes the hub of workspace communications!

Create individually tailored workspaces with best ergonomic adjustability and user-centred features including built-in low blue light and flicker-free technologies to protect the health of the viewers' eyes and guard against fatigue, without compromising the high-performance IPS screen technology.

Fulfilling the demand for future-ready performance and delivering all the trusted quality and reliability of the Sharp/NEC brand, the EA242WU is purpose-designed to maximise office productivity.

Benefits

Improve your Productivity – with embedded LAN and USB-C, this display serves as a docking hub in your Personal Workspace.

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

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

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.

Product Information

Product Name	NEC MultiSync® EA242WU
Product Group	LCD 24" Enterprise Display
Order Code	60004855 (BK), 60005573(WH)

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	24 / 61
Screen Aspect Ratio	16:10
Pixel Pitch [mm]	0.270
Brightness (typ.) [cd/m²]	300
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]	6
Colours [Mio.]	16.77

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 77
Vertical Frequency [Hz]	50 - 60

Resolution

Optimum Resolution	1920 x 1200 at 60 Hz			
Supported	1024 x 768;	1280 x 960;	1440 x 900;	1920 x 1200;
	1280 x 1024;	1360 x 768;	1600 x 1200;	640 x 480;
	1280 x 720;	1366 x 768;	1680 x 1050;	800 x 600
	1280 x 768;	1400 x 1050;	1920 x 1080;	

Connectivity

Digital	1 x DisplayPort; 1 x DisplayPort out; 1 x HDMI; 1 x USB Type C (65 W); USB ver. 3.1 (2 down / 1 up)
Output Control	1x LAN/RJ45

Electrical

Power Consumption on Mode [W]	12 (Eco Mode 2); 21 (typ.)
Power Savings Mode [W]	0.3
Power Supply	internal power supply

Environmental Conditions

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80

Ergonomics

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

Mechanical

Bezel Width [mm]	0.8 (left/right/top)
Dimensions (W x H x D) [mm]	With stand: 531 x 365 x 250

Weight [kg]	6.7
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; Customize Setting; DICOM preset; DICOM simulation; EcoModes; Human Sensor; LED Backlight Technology; 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	yes
Kensington security slot	yes
Plug and Play	VESA DDC2B; VESA DDCi
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; Fine Adjust (analog); Human Sensing; Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; One Touch Recovery; Power-Off Timer; sRGB
Shipping Content	Monitor; Power Cable; Setup Guide; USB-C Cable
Safety and Ergonomics	CE; EnergyStar 8.0; Flicker-free; Low Blue Light; TCO 9.0
Warranty	3 years warranty incl. backlight; 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; Intelligent Power Management
Ecological Materials	Downloadable manuals
Ecological Standards	Energy Star 8.0; TCO 9.0

CE   TCO 9.0