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NEC MultiSync® E243F
LCD 24" Enterprise Display

Datasheet

The ergonomic workspace communications hub

Break free of cable clutter and enjoy a single, all-encompassing communications hub via this workspace centrepiece, the MultiSync® E243F display. The 24" office workhorse featuring powerful 65W USB Type-C connectivity, manages video, audio, power and USB via a single cable. Supporting new open office standards in hot desking and 'bring your own device', the display is fully future-proofed with a high level of connectivity flexibility.

User wellbeing is high on the agenda with built-in Low Blue Light and Flicker-Free technology to protect the viewer's eyes without compromise to true-to-life display colour performance. Furthermore, advanced ergonomic adjustability ensures best individual workspace set-up to support sustained productivity.

Available in black or white to suit ergonomic and aesthetic preferences in an office or home environment, plus a minimal display footprint thanks to its ultra-narrow bezel and optional VESA thin client mount, the E243F perfectly complements the modern efficient workspace.

Benefits

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.

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

Safeguarding user wellbeing – built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates any backlight flickering, thus protecting the users' eyes against cataracts and macular degeneration.

Ergonomic Office – full height adjustability (130 mm), swivel, tilt and pivot functionality ensures perfect individual workspace set-up.

Best in form and function – future-ready design with 3-sided ultra-narrow bezel, available in black or white, plus optional VESA mount plate for thin client devices.

Product Information

Product Name	NEC MultiSync® E243F
Product Group	LCD 24" Enterprise Display
Order Code	60005203 (BK), 60005204 (WH)

Display

Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	24 / 60
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.275
Brightness (typ.) [cd/m²]	250
Contrast Ratio (typ.)	1000:1
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 - 83
Vertical Frequency [Hz]	50 - 75

Resolution

Optimum Resolution	1920 x 1080 at 60 Hz

Connectivity

Digital	1 x DisplayPort; 1 x HDMI; 1 x USB Type C; USB ver. 3.1 (3 down / 1 up)

Electrical

Power Consumption on Mode [W]	15 (Eco Mode 1); 15 (typ.); 20 (max.)
Power Savings Mode [W]	0.4
Power Supply	integrated power supply

Environmental Conditions

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
Storage Humidity [%]	85 to 10
Storage Temperature [°C]	60 to -10

Ergonomics

Height adjustable stand [mm]	130
Screen Tilt [°]	-5 to 25
Screen Swivel [°]	170 to -170
Screen Rotate [°]	-90 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]	1 (left and right); 1 (top)
Dimensions (W x H x D) [mm]	538.1 x 332.6 - 462.6 x 190 (Landscape mode)
Weight [kg]	With stand: 5
VESA Mounting [mm]	100 x 100

Additional Features

Special Characteristics	Flicker Free; Low Blue Light; USB-C
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 DDC2Bi
Audio	1W + 1W (De-activateable); Headphone Jack
Adjust Functions	Auto Adjust; Brightness; Carbon Footprint Meter / Carbon Savings Meter; DV Mode; EcoMode; Language Select
Shipping Content	DisplayPort Cable; Power Cable; Setup Guide; USB-C Cable
Safety and Ergonomics	EnergyStar 8.0; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; RoHS; TCO 8.0; TÜV Ergonomics; TÜV GS; WEEE

Green Features

Energy Efficiency	Carbon footprint meter / Carbon savings meter; ECOMode; Energy consumption: 18 kWh/1000 h; Energy efficiency class: E
Ecological Standards	RoHS compliant; TCO 8.0

* EnergyStar 8.0

* TCO 8.0

RoHS	TÜV GS	TCO 8.0	TÜV Ergonomics