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NEC

NEC MultiSync® EA193Mi

The EA193Mi is a high-end 19" 5:4 conventional format monitor with best IPS panel and latest energy saving LED backlight technology. It offers the latest DisplayPort connectivity and full ergonomic adjustability. Low power consumption and low operating costs make the display perfect for use in the professional office environment. Outstanding ergonomic comfort and intelligent features such as the Ambient Light Sensor make it very user-friendly and help to increase productivity.

DELIVERING GENUINE BENEFITS

Ambient Light Sensor - with Auto Brightness function always sets optimised brightness level according to ambient light and content conditions.

Ergonomic Office - full height adjustability (110 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

Green Product Concept - Eco Mode and Carbon Footprint Meter / Carbon Savings Meter, Ambient Light Sensor.

Input - Display can be used with two digital (DVI-D, DisplayPort) and one analogue input.

Sustainable Office - low power consumption with LED backlight and ambient light sensor.

Image display - 19inch 5:4 IPS with LED backlight.

Vesa Mount (100 mm) - allows to install the monitor via various mounting solutions, stand has a quick release for faster installations.

OUTSTANDING PERFORMANCE

- EA193Mi sets **new standard in environmental compatibility.** The Ambient Light Sensor serves to increase energy saving even further. It measures the ambient light and adjusts the screen to the optimum brightness automatically without any manual settings being required. The use of recycling plastic for the monitor housing and of mercury-free materials fulfil the demands of the NEC "Green Vision" campaign.

- The connection options ensure **leading-edge compatibility.** With a DisplayPort, a DVI-D as well as an analogue interface, the NEC MultiSync® EA193Mi provides outstanding connectivity and the optimum basis for all business applications. The display also features speakers and a headphone socket for comfortable office communication.

- Height adjustment through up to 110 mm and the pivot function allow the screen to be positioned to meet individual needs and ensure a high degree of userfriendliness. Thanks to its **ergonomic and ecological characteristics,** the monitor has gained TCO 6.0 certification and been awarded the EPEAT Gold Seal.

- The **eco-friendly display** further extends our comprehensive range for the corporate sector. It helps to reduce running costs throughout the display's entire lifetime and its features make daily operations simpler and more productive. Excellent value for money.

www.nec-display-solutions.com

SPECIAL CHARACTERISTICS

19" (5:4) Highly efficient IPS panel with LED backlight saves more than 30% energy, Ambient light sensor for optimized brightness levels, Carbon Footprint Meter, Carbon Savings Meter, Energy Star 6.0, ErgoDesign®: Height adjustable stand (110 mm) with 90° Pivot features, sRGB Support, TORO™ Design, Windows 7 compatible, Windows 8 compatible

Energy Efficiency	LED backlight technology
Ecological Standards	Energy Star 6.0; EPEAT Gold; ErP compliant; RoHS compliant; TCO 6.0

Technical Specification NEC MultiSync® EA193Mi

DISPLAY	
Panel Technology	IPS TFT with W-LED backlight
Screen Size [inch/cm]	19 / 48.2
Screen Aspect Ratio	5:4
Pixel Pitch [mm]	0.293
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 - 81.1
Vertical Frequency [Hz]	56 - 75
RESOLUTION	
Optimum Resolution	1280 x 1024 at 60 Hz
Supported	1280 x 960; 1280 x 768; 1280 x 720; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
CONNECTIVITY	
Digital	1 x DVI-D (with HDCP); 1 x DisplayPort
Analog	1 x mini D-sub 15 pin
ELECTRICAL	
Power Consumption on Mode [W]	14 (typ.); 10 (Eco Mode); 18 (max.)
Power Savings Mode [W]	0.35
Power Supply	100-120 V/220-240 V; 0.45 A/0.25 A; integrated power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
ERGONOMICS	
Height adjustable Stand [mm]	110
Screen Tilt [°]	-5 to 20
Screen Tilt / Swivel [°]	-45 to 45
Screen Rotate [°]	0 to 90 (landscape to portrait mode)
MECHANICAL	
Bezel Width [mm]	15
Dimensions (W x H x D) [mm]	408 x 386.4 x 213.9; Without stand: 408 x 338 x 65
Weight [kg]	5.9; Without stand: 3.9
VESA Mounting [mm]	100 x 100
ADDITIONAL FEATURES	
Colour Versions	Silver Front Bezel; White Back Cabinet; Black Front Bezel, Black Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	VESA DDC/CI; DDC2B/2Bi; EDID Standard
Audio	1W + 1W (De-activateable)
Adjust Functions	Auto Adjust; Brightness; Colour Temperature Control; Contrast; DV Mode; EcoMode; Fine Adjust (analog); Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; Power-Off Timer; sRGB
Shipping Content	Monitor; Power Cable; Sales Office List; User Manual Signal Cable: VGA - VGA; DVI-D - DVI-D
Safety and Ergonomics	Energy Star 6.0; EPEAT™ Gold; CE; ErP; TCO 6.0; TÜV Ergonomics; TÜV GS; FCC Class B; PCT/Gost; UL/C-UL or CSA; ISO 9241-307 (pixel failure class I); MPR II/MPR III; RoHS
Warranty	3 years warranty incl. backlight

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