NEC

NEC MultiSync® E231W

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NEC Display Solutions

23" widescreen LCD monitor with TN TFT display and LED backlight for office use

- Highly efficient LED panel Technology saves more than 50% energy
- Ambient light sensor for optimized brightness levels
- ErgoDesign®: Height adjustable stand (110 mm), swivel (20°), and portrait (90°)
- Ecologics and Ergonomics complying to standards EPEAT Gold and TCO 5.0
- Information on Carbon Footprint with unique integrated Carbon Meter

NEC MultiSync® E231W

TECHNICAL SPECIFICATIONS

Panel Technology	W-LED TN TFT
Screen Size [inch/cm]	23.0 / 58.42
Pixel Pitch [mm]	0.265
Viewing Angle [°]	170 horizontal / 160 vertical (typ. at contrast ratio 10:1)
	176 horizontal / 170 vertical (typ. at contrast ratio 5:1)
Screen Aspect Ratio	16:10
Contrast Ratio (typ.)	1000:1 (25000:1 (typ.) dynamic contrast ratio)
Brightness (typ.) [cd/m²]	250
Response Time (typ.) [ms]	5 (grey-to-grey)
Colours [Mio.]	16.7
Horizontal Frequency [kHz]	31.5 - 83
Vertical Frequency [Hz]	56.0 - 75.0
Optimum Resolution	1920 x 1080 at 60 Hz
Supported Resolutions	1920 x 1080; 1680 x 1050; 1440 x 900; 1400 x 1050; 1360 x 768; 1280 x 1024; 1152 x 864; 1024 x 768; 800 x 600; 720 x 400; 640 x 480
Connectors	Digital: 1 x DisplayPort; Digital: 1 x DVI-D; Analog: 1 x mini D-sub 15 pin
Plug & Play	VESA DDC2Bi
Adjust Functions	Auto Adjust; Auto Brightness; Brightness; Colour Control System; Contrast; Cost Meter; DV Mode; EcoMode; Expansion Mode; Factory Preset; IPM-Setting; Language Select; LED Brightness; Position; Power-Off Timer
Safety and Ergonomics	EPEAT™ Gold; CE; TCO 5.0; ERP; TÜV Ergonomics; TÜV GS; GEEA/Energy Label; Energy Star 5.0; FCC Class B; PCT/Gost; UL/C-UL or CSA; CCC; ISO 9241-307 (pixel failure class I); MPR II/ MPR III
Power Consumption on Mode [W]	28 (typ.); 23 (Eco Mode)
Stand-by Mode [W]	< 0.34
Power Supply	100-120 V/220-240 V; 0.60 A/0.35 A; integrated power supply
Ambient Temperature (operating) [°C]	+5 to +35
Ambient Humidity (operating) [%]	20 to 80
VESA Mounting [mm]	100 x 100
ErgoDesign®: Height adjustable Stand [mm]	110
Screen Tilt / Swivel / Rotate [°]	-5 to +20 / -45 to +45 / 0 to 90 (landscape to portrait mode)
Dimensions (W x H x D) [mm]	550.1 x 381.1 x 213.9
	Without stand: 550.1 x 329.0 x 71.0
Bezel Width [mm]	19.2 (left and right); 19.2 (top and bottom)
Weight [kg]	6.2
Cable Management	yes
Kensington security slot	yes
Benefits	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; Cost Meter
Colour Versions	Silver Front Bezel; White Back Cabinet
	Black Front Bezel, Black Back Cabinet
Shipping Content	Monitor; Power Cable; Signal Cable DVI-D - DVI-D; Signal Cable VGA - VGA; User Manual
Warranty	3 years warranty incl. backlight

www.nec-display-solutions.com

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