

MULTISYNC® EX231W

ORDER CODE: 60002937 (White) 60002936 (Black)



Ultraslim 'Office Cool' design, combining MultiSync® trusted performance and quality with new standards of minimalism and Eco Innovation. A 23" Wide TN TFT LED Backlit display, ideal for the corporate that demands style and future proof technology.

The perfect compliment for the modern office and new developments in corporate desking, the NEC EX231W features an extremely thin LED backlight panel in a design that puts a priority on the screen image and its positioning.

For demanding eco users or those wanting the optimum working set up, the EX231W includes Luminance and Human Sensors and the smallest stand on the market that offers full ergonomics. The panel can also easily be moved between VESA Mounts

OUTSTANDING PERFORMANCE

- **WIDE FULLHD DISPLAY** 23 inch 16:9 Full HD format with LED backlight and minimalistic design with full OSD functionality.
- **LATEST INPUTS** All the user will need with two digital inputs including DVI and DisplayPort.
- **AMBIENT LIGHT SENSOR WITH AUTO BRIGHTNESS** Automatically sets the optimised brightness level according to ambient light and content conditions saving energy and improving viewing.
- **VESA MOUNT (100 mm)** Allowing the installation of the panel in various mounting solutions.
- **FULL HEIGHT ADJUSTABILITY (110 mm)**, Together with the swivel, tilt and pivot functionality easily achieve the perfect individual ergonomic set-up in the office
- **HUMAN SENSOR** detects the presence of a person in front of the screen and switches on/off automatically depending on the presence of the user saving power.



EX231W DESKTOP DISPLAY



DELIVERING GENUINE BENEFITS

The Vision of the Future The minimalistic appearance is a perfect match for modern office desking. The display itself is the dominant part with minimalist lines and a very slim frame, letting the image take precedence.

Perfect office setup The extremely light head of the monitor allows installation in various wall and desk mounted or dual/multi-monitor solutions while delivering all the best in ergonomic standards.

Future-proof technology including two digital inputs (1 x DVI-I and 1 x DisplayPort), Full HD 23W format and USB for video-communication.

Eco innovative Low wattage LED, human and luminance sensors to save on power consumption. The slim and lightweight design reduces required resources, packaging materials and transportation energy requirements.

EX231W DESKTOP DISPLAY



EX-SERIES

SPECIAL CHARACTERISTICS

Eco Mode, Auto Contrast; Carbon Savings Meter, Ambient Light Sensor, Human Sensor, Rapid Response Technology, Windows 7 compatible

ECO FEATURES

- Energy Efficiency:** LED backlight technology
Human Sensor
Carbon Savings Meter
Eco Mode
Ambient Light Sensor
- Ecological Materials:** Efficient mechanical design for minimised packaging
Minimal Use of harmful materials
- Ecological Standards:** ErP Compliant, TCO 5.0
EPEAT Gold, Energy Star 5.0



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Technical Specifications EX 231W			
DISPLAY			
Panel Technology	TN TFT (W-LED)		
Screen size	23 inch / 58.42 cm		
Aspect ratio	16:9		
Pixel Pitch	0.265 mm		
Brightness (typical)	250 cd/m ²		
Contrast (typical)	1000:1 (25000:1 (typ.) dynamic contrast ratio)		
Viewing Angle	176° horizontal / 170° vertical (typ. at contrast ratio 5:1) 170° horizontal / 160° vertical (typ. at contrast ratio 10:1)		
Response Time (typical)	5 ms (white to black + black to white)		
Colours	16.7 millions		
SYNCHRONIZATION RANGE			
Horizontal	31.5 - 83.0		
Vertical	56 - 75 Hz		
RESOLUTION			
Native	1920 x 1080 at 60 Hz		
Supported	1920 x 1080	1360 x 768	1024 x 768
	1680 x 1050	1360 x 768	800 x 600
	1440 x 900	1280 x 1024	720 x 400
	1400 x 1050	1152 x 864	640 x 480
INPUTS			
Digital/Analog	1 x DVI-I, 1x DisplayPort		
POWER CONSUMPTION			
Typical	32 W (max.)		
Eco Mode ON	24 W		
Power Savings Mode	< 0.38 W		
Power Supply	100-120 V/220-240V; 0.60A/0.35A; external power supply		
ENVIRONMENTAL			
Operating Temperature	+5 to +35° C		
Operating Humidity	20 to 80 %		
Storage Temperature	-10° to +60°C		
Storage Humidity	+10% to +85%		
ERGONOMICS			
Height adjustable Stand	Yes		
Screen Tilt	-5 to +30°		
Screen Swivel	-170/+170		
Screen Rotate	90°		
BEZEL WIDTH			
14.0 mm			
DIMENSIONS (WxHxD)			
With stand (net)	540.2 x 401.3 x 215.0 mm		
Without stand (net)	540.2 x 318.3 x 47.7 mm		
WEIGHT			
With stand (net)	4.1 kg		
Without stand (net)	2.8 kg		
COLOUR VERSIONS			
Black Front Bezel, Black Back Cabinet White Front Bezel, White Back Cabinet			
OTHERS			
Cable Management	Yes		
Kensington Security Slot	Yes		
VESA Mounting	100 x 100 (4 points)		
Plug & Play	VESA DDC/CI; EDID Standard; VESA DDC2B		
Adjust functions	Auto adjust; Brightness; Colour Control System; Contrast; EcoMode; Expansion Mode; Factory Preset; Language Select; Monitor Information; On-Screen-Display (OSD) Lock-Out; OSD Turn Off; Resolution Notifier;		
Shipping Content	Monitor; Power Cable; Signal Cable DVI-D - DVI-D; Signal Cable VGA - DVI-A, User Manual, USB Cable, AC Adapter, CD-ROM, Sales Office List		
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			
WARRANTY			
3 years parts including backlight			
For additional pictures and solutions overview, visit www.nec-display-solutions.com for details.			

Empowered by Innovation

