Empowered by Innovation

NEC

EX SERIES

MULTISYNC® EX231Wp

ORDER CODE: 60003149 (White) 60003150 (Black)

office cool

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

The perfect compliment for the modern office and new developments in corporate desking, the NEC EX231Wp features an extremely thin LED backlight panel in a design that puts a priority on the screen image and its positioning. Ideal for multimonitor solutions due to PVA panel technology which allows extremely wide viewing angles.

For demanding eco users or those wanting the optimum working set up, the EX231Wp 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

EX231Wp 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. The advanced PVA panel technology provides outstanding picture quality with wide viewing angels.

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.

OUTSTANDING PERFORMANCE

- **WIDE FULLHD DISPLAY WITH PVA TECHNOLOGY** 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.

EX231Wp DESKTOP DISPLAY

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SPECIAL CHARACTERISTICS

PVA panel technology, Eco Mode, Auto Contrast; Carbon Savings Meter, Ambient Light Sensor, Auto Brightness, Human Sensor, 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

ECO INNOVATION

NEC Display Solutions Contact Information:

Call: +49 (0)89/99 699-0

Email: infomail@nec-displays.com

www.nec-display-solutions.com

Technical Specifications EX 231Wp	
DISPLAY	
Panel Technology	PVA TFT (W-LED)
Screen size	23 inch / 58.42 cm
Aspect ratio	16:9
Pixel Pitch	0.266 mm
Brightness (typical)	250 cd/m²
Contrast (typical)	1000:1 (25000:1 dynamic contrast ratio)
Viewing Angle	178° horizontal / 178° vertical (typ. at contrast ratio 5:1) 178° horizontal / 178° vertical (typ. at contrast ratio 10:1)
Response Time (typical)	25 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 1280 x 1024 640 x 480 1680 x 1050 1024 x 768 1440 x 900 800 x 600 1400 x 1050 720 x 400
INPUTS	
Digital/Analog	1 x DVI-I (analog + digital), 1x DisplayPort (digital)
POWER CONSUMPTION	
Typical	27 W (max.)
Eco Mode ON	15 W
Power Savings Mode	< 0.5 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 (110 mm)
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)	4.2 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; Human Sensor; Auto Brightness, Ambient Light Sensor
Shipping Content	Monitor; Power Cable; Signal Cable DVI-D - DVI-D; Signal Cable DVI-I-VGA, 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; Engergy 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.

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