Empowered by Innovation NEC

NEC AccuSync®AS231WM

ORDER CODE: 60002931

NEC LCD 23" Desktop Display

23” 16:9 Wide LCD with TN TFT Displayfeatures green product design using the latest 2 backlight technology at an affordable price. The attractively designed display comes also with DVI-D input and integrated speakers.

The ideal monitor for entry-level, corporate and demanding consumers.



EuP COMPLIANT

DELIVERING GENUINE BENEFITS

Affordable Green - low power consumption with latest 2-backlight technology, EcoMode function and carbon savings meter.

Technology - 16:9 full HD format TN display with Rapid Response technology.

Integrated Speakers and DVI Input Excellent Product Design Ecologics and Ergonomics - complying to the latest standards including TCO 5.0 and ISO 9241-307.

OUTSTANDING PERFORMANCE

- **23 inch 16:9 Full HD format with TN technology.**
- **Productivity Improved** with high resolution 1920x1080 and 16:9 format.
- **Input.** Display can be used with two inputs, DVI-D (digital) and D-Sub (analog).
- **Integrated Speakers** (1+1W) and **Headphone Socket** are ideally suited for desk-based learning and multimedia applications.
- **VESA Mount** allows the installation of the monitor with various mounting solutions.
- **Space for Touch Panel** allows the integration of single touch applications.
- **Affordable Green NECC.**

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SPECIAL CHARACTERISTICS

Auto Contrast; Carbon Savings Meter; Rapid Response Technology; Windows 7 compatible

Energy Efficiency: 2 CCFL backlight technology; Carbon savings meter; ECOMode

Ecological Materials: Efficient mechanical design for minimised packaging; Minimal use of harmful material

Ecological Standards: Energy Star 5.0; EPEAT Silver; ErP compliant; TCO 5.0

Technical Specification NEC AccuSync®AS231WM	
DISPLAY	
Panel Technology	TN TFT
Screen Size [inch/cm]	23.0 / 58.42
Aspect Ratio	16:9
Pixel Pitch [mm]	0.265
Brightness (typ.) [cd/m²]	250
Contrast Ratio (typ.)	1000:1
Viewing Angle [°]	170 horizontal / 160 vertical (typ. at contrast ratio 10:1); 176 horizontal / 170 vertical (typ. at contrast ratio 5:1)
Response Time (typ.) [ms]	5
Colours [Mio.]	16.7
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 82.3
Vertical Frequency [Hz]	56.0 - 75.0
RESOLUTION	
Optimum Resolution	1920 x 1080 at 60 Hz
Supported	1280 x 1024; 1920 x 1080; 1360 x 768; 1152 x 864; 1024 x 768; 800 x 600; 1680 x 1050; 1440 x 900; 1400 x 1050; 640 x 480; 720 x 400
CONNECTIVITY	
Digital:	1 x DVI-D
Analog:	1 x mini D-sub 15 pin
ELECTRICAL	
Power Consumption on Mode [W]	25 (typ.); 22 (Eco Mode)
Power Savings Mode [W]	< 0.42
Power Supply	100-120 V/220-240 V; 0.60 A/0.35 A; integrated power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 85
Storage Temperature [°C]	10 to 60
ERGONOMICS	
Height adjustable stand [mm]	no
Screen Tilt / Swivel [°]	-5 to +20
Screen Swivel [°]	no
Screen Rotate [°]	no
MECHANICAL	
Bezel Width [mm]	17.0
Dimensions (W x H x D) [mm]	546.0 x 378.6 x 221.8
Weight [kg]	5.4
VESA Mounting [mm]	100 x 100 (4 points)
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	VESA DDC2Bi; VESA DDC2B; EDID Standard
Audio	Optional Speakers (1 W + 1 W); Integrated Speakers (1 W + 1 W)
Adjust Functions	Auto Adjust; Brightness; Contrast; Monitor Information; Expansion Mode; On-Screen-Display (OSD) lock-out; Language Select; Volume; EcoMode; Colour Control System; OSD Turn Off; Resolution Notifier; Factory Preset
Shipping Content	Signal Cable VGA - VGA; Monitor; Power Cable; Audio Cable; User Manual
Safety and Ergonomics	EPEAT Silver™; 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 warranty incl. backlight

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