ComX Computers
Product Specification Sheet

E231W

NEC E231W, 23", W-LED TN Monitor



Specifications

Overview:

Take your environmental initiatives to the next level with the 23" NEC MultiSync E231W, a widescreen LCD desktop monitor that enhances your desktop computing with bar-setting, eco-friendly benefits. The E231W features an LED-backlit panel that provides the same brightness as other panel types while using 35% less power. Compared to previous generation NEC LCDs, this model consumes less power overall, radiates less heat, uses less packaging, weighs less, utilizes recycled plastics in its production and is free of hazardous materials such as mercury, halogen and arsenic. These advantages, combined with an ergonomic design and a high-contrast screen, make this model ideal for enterprise environments.

Features:

- LED backlight technology provides for low power consumption, improved recyclability and a design free of toxins such as mercury.
- 4-way ergonomic design (110mm height-adjust, pivot, tilt & swivel) enhances your viewing comfort.
- DisplayPort provides enhanced display connectivity and performance.
- ECO Mode function and ambient light sensor help save power, reduce heat and extend the life of the display by manually or automatically dimming the brightness level.
- 25,000:1 dynamic contrast ratio delivers amazingly detailed images and text.
- Carbon footprint meter helps track and calculate the reduction of green gas emissions.
- Dynamic Visual Mode enhances video and images with real-time optimization of brightness, color and contrast.

Specifications:

Display	
Panel Technology	TN
Viewable Image Size	23"
Aspect Ratio	16:9
Native Resolution	1920 x 1080
Pixel Pitch	0.27mm
Pixels Per Inch	96@ native resolution

Backlight Type	W-LED
Brightness (typical)	250cd/m2
Contrast Ratio (typical)	1000:1
Viewing Angle (typical)	170 degrees Vert., 176 degrees Hor. (85U/85D/88L/88R) @ CR>5
ResponseTime (typical)	5ms
Displayable Colors	More than 16.7 million
VESA Hole Configuration Specification	100 x 100mm
Synchronization Range	
Horizontal (Analog/Digital)	31.5-83 kHz
Vertical	56-75 Hz
Input Connectors	DisplayPort, DVI-D, VGA 15-pin D-sub
Input Signal	
Video	Analog RGB 0.7 Vp-p/75 Ohms
Sync	Separate Sync: TTL Level (Positive/Negative)
	Composite Sync: TTL Level (Positive/Negative)
	Composite Sync on Green: (0.3Vp-p negative 0.7Vp-p positive)
Power Consumption (typical)	
On	28W
Power Savings Mode	0.34W
Dimensions (WxHxD)	
Net (with stand)	551.2 x 381-492.8 x 213.4mm
Net (without stand)	551.2 x 330.2 x 71.1mm
Weight	
Net Weight (with stand)	6.2 kg
Net Weight (without stand)	4.2 kg
Environmental Conditions	
Operating Temperature	5-35 degreesC
Operating Humidity	20 - 80%
Operating Altitude	2000m
Storage Temperature	-10 - 60 degreesC
Storage Humidity	10-85%
Storage Altitude	12, 192m
Environmental Compliance	
ENERGY STAR	5
TCO	5
EPEAT	Silver
RoHS	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/E231W-NEC-E231W-23-W-LED-TN-Monitor-p-52088.php

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