**ComX Computers**
Product Specification Sheet

# EX231Wp

NEC 23" wide PVA W-LED Monitor







## Specifications

**Overview:**

The widescreen 23" NEC MultiSync EX231Wp is an LED-backlit, full HD monitor that combines elegance and style with functionality. This model offers a PVA panel with incredible viewing angles (178 degreesH/178 degreesV), minimal color shift and impeccably sharp contrast ratio (3000:1). Ideal in multi-monitor setups, this model offers intelligent features such as human and ambient light sensors, which sense the user's absence and ambient lighting conditions, adjusting the monitor's brightness accordingly. The LED light source optimizes energy efficiency and allows the monitor to consume less power overall, radiate less heat, use less packaging, weigh less, utilize recycled plastics in its production and be free of hazardous materials. The EX231Wp is ideal for financial applications, corporate environments and healthcare facilities.

**Features:**

- LED backlight technology provides for industry-leading low power consumption and less hazardous materials.
- Minimalist design, featuring an ultra-thin bezel width and depth and lightweight design, puts the focus on the screen vs. the cabinet.
- ECO Mode allows you to manually adjust the display's brightness to your liking, saving power and reducing your energy costs.
- Human and ambient light sensors automatically detect your work conditions to determine the proper display brightness, thereby conserving power.
- Fully adjustable quick-release stand, including height-adjust (110mm), pivot, tilt and swivel capabilities, adds flexibility and comfort to your viewing preferences.
- Full connectivity, including DisplayPort and DVI-I inputs and USB pass-through.
- Touch-sensitive OSD controls are integrated into the bezel, making display adjustments easier than ever.

**Specifications:**

| Display | |
|---|---|
| Panel Technology | PVA |
| 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) | 3000:1 |
| Viewing Angle (typical) | 178 degrees Vert., 178 degrees Hor. (89U/89D/89L/89R) @ CR>5 |
| ResponseTime (typical) | 25ms |
| Displayable Colors | More than 16.7 million |
| Synchronization Range | |
| Horizontal (Analog/Digital) | 31.5-83 kHz |
| Vertical | 56 - 75 Hz |
| 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); Input Connectors: DisplayPort, DVI-I |
| Power Consumption (typical) | |
| On | 27W |
| Power Savings Mode | 0.37W |
| Physical Specifications | |
| Dimensions (WxHxD) (with stand) | 540.2 x 401.3-511.3 x 215mm |
| Dimensions (WxHxD) (without stand) | 540.2 x 318.3 x 47.7mm |
| Weight | |
| Net Weight (with stand) | 4.2 kg |
| Net Weight (without stand) | 2.8 kg |
| VESA Hole Configuration | 100 x 100mm |
| Environmental Conditions | |
| Operating Temperature | 5 - 35 degreesC |
| Operating Humidity | 20 - 80% |
| Operating Altitude | 6562 ft. / 2000m |
| Storage Temperature | -10 - 60 degreesC |
| Storage Humidity | 10 - 85% |
| Storage Altitude | 12, 192m |
| Environmental Compliance | |
| ENERGY STAR | 5.0 |
| TCO | 5.2 |
| EPEAT | Gold |

| | |
|---|---|
| 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/EX231Wp-NEC-23-wide-PVA-W-LED-Monitor-p-59628.php**

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