

# NEC MultiSync® EX201W

Order Code: 60003151, 60003152 (BK)

NEC LCD 20" Professional Desktop Display

**Ultraslim 'Office Cool' design, combining MultiSync® trusted performance and quality with new standards of minimalism and Eco Innovation. A 20" wide TN TFT LED Backlit display, ideal for the corporate that demands style, future proof technology and trusted picture quality with greatest flexibility.**

The perfect compliment for the modern office and new developments in corporate desking, the NEC EX201W features an extremely thin LED backlight panel in a design that puts a priority on the screen image and its positioning. Ideal for receptions, check-in areas and informal meetings due to its small size and flexible concept.

For demanding eco users or those wanting the optimum working set up, the EX201W 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.

## DELIVERING GENUINE BENEFITS

**ECO Innovation** - 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.

**Future-proof Technology** - including two digital inputs (1 x DVI-I and 1 x DisplayPort), 20inch, 1600x900 wide format and USB for videocommunication.

**Perfect Office Set-up** - the extremely light head of the monitor allows installation in various wall and desk-mounted or dual/multi-monitor solutions delivering all the best in ergonomic standards.

**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.

**Ergonomic Office** - full height adjustability (110 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

**Free Download of Multi-Display Management Software** - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.



## OUTSTANDING PERFORMANCE

- **Wide 20 inch display with TN technology** - 1600x900, 16:9 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.



## SPECIAL CHARACTERISTICS

Advanced connectivity with two digital inputs DVI-I and DisplayPort, Ambient light sensor for optimized brightness levels, Auto Brightness, Auto Contrast, Carbon Footprint Meter, Ecologics and Ergonomics complying to standards EPEAT Gold and TCO 5.0, EcoModes, Human Sensor, LED Backlight Technology, NaViSet Administrator 2, TN panel technology, Windows 7 compatible



**Energy Efficiency** Ambient light sensor; Carbon Footprint Meter / Carbon Savings Meter; EcoMode

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

**Ecological Standards** EPEAT Gold; ErP compliant; TCO 5.0

### Technical Specification NEC MultiSync® EX201W

| DISPLAY                                |                                                                                                                                                                                                              |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Panel Technology                       | W-LED TN TFT                                                                                                                                                                                                 |
| Screen Size [inch/cm]                  | 20 / 50.8                                                                                                                                                                                                    |
| Screen Aspect Ratio                    | 16:9                                                                                                                                                                                                         |
| Pixel Pitch [mm]                       | 0.2766                                                                                                                                                                                                       |
| Brightness (typ.) [cd/m <sup>2</sup> ] | 250                                                                                                                                                                                                          |
| Contrast Ratio (typ.)                  | 1000:1 (25000:1 dynamic contrast ratio)                                                                                                                                                                      |
| 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]              | 37                                                                                                                                                                                                           |
| Colours [Mio.]                         | 16.77                                                                                                                                                                                                        |
| SYNCHRONISATION RATE                   |                                                                                                                                                                                                              |
| Horizontal Frequency [kHz]             | 31.5 - 83                                                                                                                                                                                                    |
| Vertical Frequency [Hz]                | 56 - 75                                                                                                                                                                                                      |
| RESOLUTION                             |                                                                                                                                                                                                              |
| Optimum Resolution                     | 1600 x 900 at 60 Hz                                                                                                                                                                                          |
| Supported                              | 1680 x 1050; 1440 x 900; 1400 x 1050; 1280 x 1024; 1024 x 768; 800 x 600; 720 x 400; 640 x 480                                                                                                               |
| CONNECTIVITY                           |                                                                                                                                                                                                              |
| Digital/ Analog:                       | 1 x DVI-I; 1 x DisplayPort                                                                                                                                                                                   |
| ELECTRICAL                             |                                                                                                                                                                                                              |
| Power Consumption on Mode [W]          | 15 (typ.); 21 (max.); 11 (Eco Mode 2)                                                                                                                                                                        |
| Power Savings Mode [W]                 | < 0.5                                                                                                                                                                                                        |
| Power Supply                           | 100-120 V/220-240 V; 0.6 A/0.35 A                                                                                                                                                                            |
| 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]           | 110 (Landscape mode)                                                                                                                                                                                         |
| Screen Tilt [°]                        | -5 to +30                                                                                                                                                                                                    |
| Screen Swivel [°]                      | -170 to +170                                                                                                                                                                                                 |
| Screen Rotate [°]                      | 90                                                                                                                                                                                                           |
| MECHANICAL                             |                                                                                                                                                                                                              |
| Bezel Width [mm]                       | 15 (left and right); 13.6 (top and bottom)                                                                                                                                                                   |
| Dimensions (W x H x D) [mm]            | 474.8 x 381.3 x 215; Without stand: 474.8 x 278.2 x 47.6                                                                                                                                                     |
| Weight [kg]                            | 3.5; Without stand: 2.2                                                                                                                                                                                      |
| VESA Mounting [mm]                     | 100 x 100 (4 points)                                                                                                                                                                                         |
| ADDITIONAL FEATURES                    |                                                                                                                                                                                                              |
| Colour Versions                        | White Front Bezel, White Back Cabinet; Black Front Bezel, Black Back Cabinet                                                                                                                                 |
| Cable Management                       | yes                                                                                                                                                                                                          |
| Kensington security slot               | yes                                                                                                                                                                                                          |
| Plug and 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; USB Cable; AC Adapter; CD-ROM; Sales Office List; User Manual<br>Signal Cable: DVI-A - VGA; DVI-D - DVI-D                                                                              |
| Safety and Ergonomics                  | EPEAT™ Gold; CE; ErP; TCO 5.0; 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                                                                                                                                                                             |