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# NEC MultiSync® EA221WMe

product design award 2009

**Fully featured office monitors with outstanding ecological performance and display quality**

- Highly efficient panel technology with only 2 backlights saves more than 30 % energy
- Ecologics and Ergonomics complying to the latest standards incl. EPEAT Gold
- ErgoDesign®: Height adjustable stand (110 mm) with 90° Pivot features
- Versatile and easy installation (VESA standard) with NaViSet and NaViKey

see more.

NEC Display Solutions

# NEC MultiSync® EA221WMe



## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Panel Technology | TN TFT |
| Screen Size [inch/cm] | 22.0 / 55.9 |
| Pixel Pitch [mm] | 0.282 |
| Viewing Angle [°] | 170 horizontal / 160 vertical (typ. at contrast ratio 10:1)<br>176 horizontal / 170 vertical (typ. at contrast ratio 5:1) |
| Contrast Ratio (typ.) | 1000:1 |
| Brightness (typ.) [cd/m²] | 250 |
| Response Time (typ.) [ms] | 5 |
| Colours [Mio.] | 16.77 |
| Horizontal Frequency [kHz] | 30 - 82 |
| Vertical Frequency [Hz] | 56 - 75 |
| Optimum Resolution | 1680 x 1050 at 60 Hz |
| Supported Resolutions | 1680 x 1050; 1440 x 900; 1400 x 1050; 1360 x 768; 1280 x 1024; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 640 x 480 |
| Connectors | Digital: 1 x DVI-D (with HDCP); Analog: USB (1 up; 4 down); Analog: 1 x mini D-sub 15 pin |
| Plug & Play | VESA DDC/CI; DDC2B/2Bi; EDID Standard |
| Adjust Functions | Audio Volume / Lock-Out; Auto Adjust; Brightness; Colour Temperature Control; Contrast; DV Mode; EcoMode; Fine Adjust (analog); Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; Power-Off Timer; sRGB |
| Safety and Ergonomics | EPEAT Silver™; EPEAT™ Gold (black version); CE; TCO 03; TÜV Ergonomics; TÜV GS; GEEA/Energy Label; Energy Star; FCC Class B; PCT/Gost; UL/C-UL or CSA; CCC; ISO 13406-2 (pixel failure class II); MPR II/ MPR III; RoHS |
| Power Consumption on Mode [W] | 26 (typ.); 19 (Eco Mode) |
| Power Consumption Power-Saving Mode [W] | < 0.5 |
| Power Supply | 100-120 V/220-240 V; 1.0 A/0.5 A; integrated power supply |
| Ambient Temperature (operating) [°C] | +5 to +35 |
| Ambient Humidity (operating) [%] | 20 to 80 |
| VESA Mounting [mm] | 100 x 100 |
| ErgoDesign®: Height adjustable Stand [mm] | 110 |
| Screen Tilt / Swivel / Rotate [°] | -5 to +30 / -170 to +170 / 0 to 90 (landscape to portrait mode) |
| Dimensions (W x H x D) [mm] | 508 x 382 x 220 |
| Bezel Width [mm] | 16.0 |
| Weight [kg] | 7.9 |
| Cable Management | yes |
| Kensington Lock | yes |
| Benefits | 16:10 wide format; Carbon Footprint Meter; Carbon Savings Meter; Integrierter USB Hub; NaViSet®and NaViSet®Administrator compatible; sRGB Support; TORO™ Design; WindowsVistaCertifiedLogo |
| Audio Functions | 1W + 1W (De-activateable) |
| Colour Versions | Silver Front Bezel; White Back Cabinet<br>Black Front Bezel, Black Back Cabinet |
| Shipping Content | Monitor; Power Cable; Signal Cable DVI-D - DVI-D; Signal Cable VGA - VGA; CD-ROM; Sales Office List; User Manual |
| Warranty | 3 years warranty incl. backlight |

All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All rights reserved. All specifications are subject to change without notice. 06/09

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