

## NEC MultiSync® LCD3090WQXi



**Innovative High-end LCD widescreen monitor with outstanding features and benefits for ergonomics and economics.**

- Monitor for every situation and every application due to its versatile features such as AmbiBright, AutoBright, TileMatrix or HDCP support
- ErgoDesign®: Height adjustable stand (190 mm) with 90° Pivot features
- Best economics and reduced Total Cost of Ownership with multiple features such as EcoModes, Scheduler, Power Off timer, OSD KeyGuide
- Extraordinary features such as CableComp, ColorComp or X-light® Pro

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| Panel Technology                          | H-IPS (Horizontal IPS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Screen Size [inch/cm]                     | 29,8 / 75,6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Colour Gamuts (Size comparison, typ.)     | 102% NTSC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Pixel Pitch [mm]                          | 0.251                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Viewing Angle [°]                         | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Contrast Ratio (typ.)                     | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Brightness (typ.) [cd/m²]                 | 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Response Time (typ.) [ms]                 | 6 (grey-to-grey), 12 (6 white / black; 6 black / white)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Colours [Mio.]                            | 16.77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Horizontal Frequency [kHz]                | 31,5 - 98,7 (digital) / 24,0 - 93,8 (analog)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Vertical Frequency [Hz]                   | 50,0 - 85,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Optimum Resolution                        | 2560 x 1600 at 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Supported Resolutions                     | 2560 x 1600; 1920 x 1440; 1920 x 1200; 1920 x 1080; 1680 x 1050; 1600 x 1200; 1440 x 900; 1400 x 1050; 1280 x 1024; 1280 x 960; 1280 x 720; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 480; 720 x 400; 640 x 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Connectors                                | Digital: 1 x DVI-D; Digital/ Analog: 1 x DVI-I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Plug & Play                               | VESA DDC/CI; EDID Standard; VESA DDC2B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Adjust Functions                          | Advanced NTAA (Advanced Non-Touch-Auto-Adjustment); Advanced User Menu; Auto Adjust; Black Level; Brightness; Colour Temperature Control; Contrast; Expansion Mode; Fine Adjust (analog); Hotkeys; Intelligent Power Management; Language Select; Monitor Information; OmniColor™: sRGB and 6-axis-colour-control; On-Screen-Display (OSD) lock-out; Sharpness                                                                                                                                                                                                                                                                                                                                                                                  |
| Safety and Ergonomics                     | EPEAT Silver™; CE; TCO 03; TÜV Ergonomics; TÜV GS; C-tick; GEEA/Energy Label; FCC Class B; PCT/Gost; UL/C-UL or CSA; CCC; ISO 13406-2 (pixel failure class II); MPR II/ MPR III; PCBC/B-mark; PSB; RoHS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power Consumption on Mode [W]             | 143 (typ.); 117 (Eco Mode 1); 94 (Eco Mode 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Stand-by Mode [W]                         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power Supply                              | 100-120 V/220-240 V; 1,76 A/0,77 A; internal power supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ambient Temperature (operating) [°C]      | +5 to +35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ambient Humidity (operating) [%]          | 30 to 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| VESA Mounting [mm]                        | 100 x 100; 200 x 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ErgoDesign®: Height adjustable Stand [mm] | 190 (Landscape mode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Screen Tilt / Swivel [°]                  | -5 to +30 / -170 to +170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions (W x H x D) [mm]               | 687,3 x 478,6 - 668,6 x 342,8 (Landscape mode)<br>Without stand: 687,30 x 446,80 x 126,00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Bezel Width [mm]                          | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Weight [kg]                               | 19,1; Without stand: 14,40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cable Management                          | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Kensington Lock                           | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Benefits                                  | 16:10 wide format; Adjustable power LED (colour and brightness); Advanced NTAA (Advanced Non-Touch- Auto-Adjustment); AmbiBright; ambix³™; Auto Black Level; Auto Brightness; Auto Contrast; AutoBright; CableComp with Sync Continuity Detection; ColorComp; DDC/CI compatible; Direct Brightness and Contrast; EcoModes; GammaComp (12 bit Look Up Table) and 12 bit Gamma Correction; NaViSet®and NaViSet®Administrator compatible; OmniColor™: sRGB and 6-Axis-Colour-Control; Overdrive; Quick release Stand and Handle; Rapid Response Technology; RapidMotion; Real Time Clock with Scheduler (Power-On and Power-Off Timer); Self Diagnostics; TileComp; TileMatrix; TORO™ Design; Windows XP; X-Light® Pro (AutoLuminance, AutoColour) |
| Audio Functions                           | Option: MultiSync® Soundbar 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 DVI-A - VGA; CD-ROM; Sales Office List; User Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Warranty                                  | 3 years warranty incl. backlight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



**NEC Display Solutions Europe GmbH**