

NEC MultiSync® LCD2090UXi





High-end 20 inch professional LCD monitor for CAD/CAM, DTP, sophisticated office applications and medical sectors with outstanding features and benefits for best picture quality, ergonomics and economy.

- High performance S-IPS A-TW TFT display
- Innovative features such as AmbiBright, AutoBright, TileMatrix & TileComp or OverDrive On/ Off
- ErgoDesign[®]: Height adjustable stand (150 mm) with 90° Pivot features
- Best economy, reduced Total Cost of Ownership and extended lifetime with multiple power saving features such as Ambient Light Sensor, EcoModes, Power Off timer and Scheduler
- Extraordinary features such as QuickRelease stand, CableComp, ColorComp, OSD KeyGuide or self diagnostics

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TECHNICAL SPECIFICATIONS	
Panel Technology	S-IPS A-TW Pol (Super IPS with Advanced True Wide Polarizer)
Screen Size [inch/cm]	20.1 / 51.0
Pixel Pitch [mm]	0.255
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Contrast Ratio (typ.)	700:1
Brightness (typ.) [cd/m ²]	280
Response Time (typ.) [ms]	8 (grey-to-grey), 16 (9 white / black; 7 black / white)
Colours [Mio.]	16.77
Horizontal Frequency [kHz]	31.5 - 91.1
Vertical Frequency [Hz]	50.0 - 85.0
Optimum Resolution	1600 x 1200 at 60 Hz
Supported Resolutions	1280 x 1024; 1280 x 960; 1200 x 1600; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
Connectors	Digital: 1 x DVI-D; Digital/ Analog: 1 x DVI-I; Analog: 1 x D-sub 15 pin
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; User Menu
Safety and Ergonomics	EPEAT Silver™; CE; ERP; 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]	42.00 (Eco Mode 1); 50 (max.)
Stand-by Mode [W]	1
Power Supply	100-120 V/220-240 V; 0.68 A/0.29 A; internal power supply
Ambient Temperature (operating) [°C]	+5 to +35
Ambient Humidity (operating) [%]	30 to 80
VESA Mounting [mm]	100 x 100
ErgoDesign®: Height adjustable Stand [mm]	150
Screen Tilt / Swivel [°]	-5 to +30 / -170 to +170
Dimensions (W x H x D) [mm]	439.2 x 415.5 - 565.5 x 247.3 (Landscape mode) Without stand: 439.20 x 340.00 x 85.00
Bezel Width [mm]	14.6 (left and right)
Weight [kg]	9.7; Without stand: 7.00
Cable Management	yes
Kensington security slot	Ves
Benefits	Adjustable power LED (colour and brightness); Advanced NTAA (Advanced Non-Touch- Auto- Adjustment); AmbiBright; ambix ^{3™} ; Auto Black Level; Auto Brightness; Auto Contrast; AutoBright; CableComp with Sync Continuity Detection; ColorComp; DDC/CI compatible; Direct Brightness and Contrast; EcoModes; 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
Audio Functions	Option: MultiSync [®] Soundbar 90
Colour Versions	Silver Front Bezel, Light Grey Back Cabinet 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



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