Empowered by Innovation

NEC

NEC MultiSync® LCD1990SXi

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NEC Display Solutions

High-end 19 inch professional LCD monitor for CAD/CAM, DTP, financial market and medical sectors with outstanding features and benefits for ergonomics and economy.

- High performance S-IPS TFT display
- Innovative features such as AmbiBright, AutoBright, TileMatrix & TileComp or OverDrive On/Off
- Outstanding ergonomics with ErgoDesign® and TORO™: Height-adjustable stand (150 mm) with 90° portrait capability
- 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

NEC MultiSync® LCD1990SXi

TECHNICAL SPECIFICATIONS

Panel Technology	S-IPS TFT
Screen Size [inch/cm]	19.0/48.2
Pixel Pitch [mm]	0.294
Viewing Angle	178° horizontal / 178° vertical (typ. at contrast ratio 10:1)
Contrast Ratio (typ.)	600:1
Brightness (typ.) [cd/m²]	270
Response Time (typ.) [ms]	9 (grey-to-grey), 18 (11 white / black; 7 black / white)
Colours [Mio.]	16.77
Horizontal Frequency [kHz]	31.5 - 81.1
Vertical Frequency [Hz]	50.0 - 85.0
Optimum Resolution	1280 x 1024 at 60 Hz
Other Resolutions	1280 x 960; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
Connectors	3 (Digital: 1 x DVI-D; Digital/Analog: 1 x DVI-I; Analog: 1 x D-sub 15 pin)
Plug & Play	VESA DDC/CI; DDC2B/2Bi; EDID Standard
Adjust Functions	Auto Adjust; Colour Temperature Control; Fine Adjust (analog); Sharpness; Brightness; Contrast; Intelligent Power Management; Monitor Information; OmniColor™: sRGB and 6-axis-colour-control; Black Level; Expansion Mode; On-Screen-Manager (OSM) lock-out; Advanced NTAA (Non-Touch-Auto-Adjustment); Language Select; User Menu; Advanced User Menu; Hotkeys
Safety and Ergonomics	CE; TCO'03; TÜV Ergonomics; TÜV GS; C-tick; 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; PCBC/B-mark; PSB
Power Requirements on Mode [W]	46 (max.)
Power Requirements Power-saving Mode [W]	1
Power Supply	100 - 120 V/220 - 240 V; 0.63 A/0.27 A; integrated 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
Dimensions (W x H x D) [mm]	402.3 x 410.7 - 560.7 x 247.3 (Landscape mode)
Screen Tilt / Swivel [°]	-5 to +30 / -170 to +170
Bezel Width [mm]	12 (left and right)
Cable Management	yes
Kensington Lock	yes
Weight [kg]	9.0
Specials	Adjustable Power LED (colour and brightness); EcoModes; AmbiBright; AutoBright; Direct Brightness and Contrast; Auto Black Level; Auto Brightness; Auto Contrast; ambix³™, CableComp with Sync Continuity Detection; ColorComp; Rapid Response; RapidMotion; TileMatrix; TileComp; OmniColor™; GammaComp (12 bit look up table) and 12 bit gamma correction; TORO™ Design; DDC-CI; NaviSet® and NaviSet® Aministrator compatible; Real Time Clock with Scheduler (Power-On and Power-Off timer), Overdrive; Advanced NTAA (Advanced Non-Touch-Auto-Adjustment); Self Diagnostics; Quick Release Stand and Handle
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-A - VGA; Signal Cable DVI-D - DVI-D; CD-ROM; Sales Office List; User Manual
Warranty	3 years warranty incl. backlight

TCO03 DISPLAYS · TÜV SÜD · TÜV SÜD GS · CE · РСТ ME06 · REDUCED MAGNETIC FIELD · RoHS compliant · Designed for Microsoft® Windows® XP · OmniColor™

sRGB · NaViSet® · NaViSet® Administrator · ENERGY · energy · ambix³ TECHNOLOGY · TORO Design · GammaComp · CableComp

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