

NEC MultiSync® LCD1990SXi



- Professional 19-inch LCD monitor with S-IPS TFT display
- Ergonomics and safety complying to the highest industry standards incl. ISO 13406-2
- Low power consumption for reduced Total Cost of Ownership (TCO)
- VESA mounting
- ErgoDesign®: Height adjustable stand (150 mm)
- Ultra-thin frame (12 mm)
- L-shape front button technology for intuitive OSD control
- AmbiBright: Ergonomic and power saving ambient light sensor
- AutoBright technology for longer display life time
- ambix³™ Technology - safety of investment with analog/digital interfaces (DVI-I, DVI-D, VGA) with up to 3 inputs simultaneously
- CableComp for best picture quality through automatic signal compensation of long cables and weak signals incl. sync continuity detection
- RapidMotion feature guarantees smooth representation of moving images
- Rapid Response technology 9 ms (grey-to-grey)
- TileMatrix and TileComp features
- TORO™ Design: Screen rotation 90° (portrait capability)
- Realtime clock with scheduler



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Panel Technology	S-IPS TFT
Screen Size [inch/cm]	19/48.2
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/m ²]	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 (analog and digital)
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	Digital: x DVI-D; Digital/ Analog: 1 x DVI-I; Analog: 1 x D-sub 15 pin
Plug & Play	VESA DDC/CI; EDID Standard; VESA DDC2Bi
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-Manager (OSM), lock-out; Sharpness; User Menu
Safety and Ergonomics	CE; TC003; TÜV ergonomic approved; TÜV GS; C-tick; GEEA Energy Label; Energy Star; FCC Class B; PCT/Gost; UL/C-UL or CSA; ISO 13406-2 (pixel failure class II); MPR II/ MPR III; PCBC/B-mark; PSB; RoHS
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 (non-condensing)
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 [°]	-5 to +30
Swivel [°]	-170 to +170
Bezel Width [mm]	12 left/right
Cable Management	yes
Kensington Lock	yes
Weight [kg]	9.0
Specials	Adjustable Power LED (colour and brightness); Advanced NTAA (Advanced Non-Touch- Auto-Adjustment); AmbiBright; ambix ³ ™; Auto Black Level; Auto Brightness; Auto Contrast; AutoBright Technology; CableComp with Sync Continuity Detection; ColorComp; DDC-CI; Direct Brightness and Contrast; Direct Brightness and Contrast; EcoModes; L-shape Front Button Technology; NaViSet® and NaViSet® Administrator compatible; OmniColor™: sRGB Support 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; TileMatrix and TileComp; TORO™ Design
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; DVI-D - DVI-D; CD-ROM; Sales Office List; User Manual
Warranty	3 years warranty including backlight



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