

NEC SpectraView® 2690



- Highly innovative LCD monitor with H-IPS A-TW Pol. TFT display
- ColorComp: Compensates variations in the white homogeneity and improves colour and brightness homogeneity at the press of a button
- GammaComp: hardware calibration with 12-bit LUT (look up table) for 36-bit colour control and Gamma correction
- X-light® Pro: AutoLuminance and AutoColor for stable performance of brightness and colour via integrated fast-feedback sensor technology
- ambix³™ Technology - safety of investment with analog/digital interfaces (DVI-I, DVI-D, VGA) with up to 3 inputs simultaneously
- OmniColor™: sRGB and 6-axis colour control (RGBCMY, hue and saturation)
- Realtime clock with scheduler
- CableComp for best picture quality through automatic signal compensation of long cables and weak signals incl. Sync continuity detection
- Advanced NTAA (Advanced Non-Touch-Auto-Adjustment) provides stable and excellent picture quality
- L-shape front button technology for intuitive OSD control
- ErgoDesign®: Height adjustable stand (150 mm)
- TORO™ Design: Screen rotation 90° (portrait capability)
- Rapid Response technology 8 ms (grey-to-grey) with overdrive technology
- Low power consumption for reduced Total Cost of Ownership (TCO)
- Ergonomics and safety complying to the highest industry standards incl. ISO 13406-2
- Detachable light protection hood (black, lined with photo velvet)
- SpectraView Profiler Software features:
 - L* (CIE-LAB L* colour gamut), Gamma, sRGB or CIECAM02 calibration; Iterative calibration process; Profile validation for quick check at any time; LUT-based 16-bit ICC-profiles (or Matrix profiles); Support of multiple measurement devices; Manual White Point and Calibration Curve Editing; White and Black luminance adjustment (or contrast ratio); Check of ambient light conditions and Viewing Booth in relation to ISO 3664 & 12646; Automatic hardware adjustment of the JUST viewing booth via software; Chromatic Adaptation; Universal Application (Mac and PC)



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Panel Technology	H-IPS A-TW Pol. (Horizontal IPS with Advanced True Wide Polarizer)
Screen Size [inch/cm]	25.5/64.9
Colour Gamuts (Size comparison, typ.)	95% AdobeRGB, 91% NTSC
Pixel Pitch [mm]	0.287
Viewing Angle	178° horizontal / 178° vertical (typ. at contrast ratio 10:1)
Contrast Ratio (typ.)	800:1
Brightness (typ.) [cd/m ²]	400
Response Time (typ.) [ms]	8 (grey-to-grey), 16 (8 white / black; 8 black / white)
Colours [Mio.]	16.77
Horizontal Frequency [kHz]	31.5 - 93.8 and 119.2 (analog) / 31.5 - 91.1 and 119.2 (digital)
Vertical Frequency [Hz]	50.0 - 85.0
Optimum Resolution	1920 x 1200 at 60 Hz
Other Resolutions	1200 x 1920; 1600 x 1200; 1280 x 1024; 1280 x 960; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480; 640 x 480p; 720 x 480p; 720 x 576p; 1280 x 720p; 1920 x 1080p
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 (Advanced 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]	111 (max.)
Power Requirements Power-saving Mode [W]	1
Power Supply	100-240 V; 1.5 A/0.75 A; integrated power supply
Ambient Temperature (operating) [°C]	5 to 35
Ambient Humidity (operating) [%]	30 to 80
VESA Mounting [mm]	100 x 100 (4 points); 200 x 100 (5 points)
ErgoDesign®: Height Adjustable Stand [mm]	150 (Landscape)
Dimensions (W x H x D) [mm]	589.8 x 444.2 - 594.2 x 306.0 (Landscape mode)
Screen Tilt / Swivel [°]	-5 to +30 / -170 to +170
Bezel Width [mm]	18.8
Cable Management	yes
Kensington Lock	yes
Weight [kg]	12.6
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® Administrator 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; X-light® Pro (AutoLuminance; AutoColour); SpectraView® Profiler Software
Audio Functions	Option: MultiSync® Soundbar 90
Colour	Black Front Bezel, Black Back Cabinet
Shipping Content	Monitor; Power Cable; Signal Cable DVI-A - VGA; Signal Cable DVI-D - DVI-D; CD-ROM and manual for display; CD-ROM with SpectraView® Profiler Software and manual; Detachable black light protection hood (or voucher) including accessories; SpectraView® Certifier document
Warranty	3 years warranty incl. backlight



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