NEC SpectraView® Reference 3090



High-end 30 inch professional widescreen LCD monitor for colour critical applications with outstanding features and benefits for best picture quality and colour accuracy, outstanding ergonomics and amazing value for money.

- Consistent colour from any angle with H-IPS 16:10 TFT display
- Truer colours with a wider colour gamut as soon as you switch on due to X-light® Pro and hardware calibration with 12-bit LUT (look up table) for 36-bit colour control and gamma correction, independent per colour and input
- Ergonomically mastered for comfortable viewing with ErgoDesign® and TORO™: Height-adjustable stand (190 mm) with 90° portrait capability
- Extraordinary features such as Digital Uniformity Control (ColorComp), Power On timer, ambix3™triple input, OSD KeyGuide, self diagnostics and X-light® Pro
- SpectraView® Profiler software, SpectraView® Certifier document included

see more.
NEC Display Solutions

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TECHNICAL SPECIFICATIONS

Panel Technology	H-IPS (Horizontal IPS)
Screen Size [inch/cm]	29,8 / 75,6
Colour Gamuts (Size comparision, typ.)	106,6% AdobeRGB, 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 - 85
Optimum Resolution	2560 x 1600 at 60 Hz
Supported Resolutions	2560 x 1600; 1920 x 1440; 1920 x 1200; 1920 x 1080p; 1680 x 1050; 1600 x 1200; 1440 x 900; 1400 x 1050; 1280 x 1024; 1280 x 960; 1280 x 720p; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 576p; 720 x 480p; 640 x 480
Connectors	Digital: 1 x DVI-D; Digital/ Analog: 1 x DVI-I
Plug & Play	VESA DDC/CI; DDC2B/2Bi; EDID Standard
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; sRGB; User Menu
Safety and Ergonomics	CE; TCO 06; 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	100-240 V; 1,76 A/0,77 A; integrated 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)
Bezel Width [mm]	22
Weight [kg]	19,1
Cable Management	yes
Bezpečnostní Kensington slot	yes
Benefits	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; Copy calibration; DDC/CI compatible; Digital Uniformity Control (ColorComp); Direct Brightness and Contrast; EcoModes; GammaComp (12 bit Look Up Table) and 36 bit Gamma Correction; NaViSet®and NaViSet®Administrator compatible; OmniColor™: sRGB and 6-Axis-Colour-Control; Overdrive; Quick release Stand and Handle; RapidMotion; Real Time Clock with Scheduler (Power-On and Power-Off Timer); Self calibration; Self Diagnostics; SpectraView® Profiler Software; TileComp; TileMatrix; TORO™ Design; Windows XP; WindowsVistaCertifiedLogo; X-Light® Pro (AutoLuminance, AutoColour)
Audio Functions	Option: MultiSync® Soundbar 90
Colour Versions	Black Front Bezel, Black Back Cabinet
Shipping Content	Monitor; Power Cable; Signal Cable DVI-D - DVI-D; Signal Cable DVI-A - VGA; CD-ROM (User Guides/ Manuals); CD-ROM with SpectraView® Profiler Software and manual; SpectraView® Certifier document
Warranty	3 years warranty incl. backlight

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