ComX Computers
Product Specification Sheet

SPECTRA-232

Nec SpectraView 23" Wide IPS LED Monitor



Specifications

Overview:

The NEC SpectraView® 232 is a high-end professional performance LCD monitor with LED backlighting for colour critical applications with outstanding features and benefits for best picture quality and colour accuracy, outstanding ergonomics and economics. The ideal display for all creative professionals, designers, photographers, precision engineers and anyone who cannot accept compromise on colour accuracy.

Features:

- Consistent Colour Viewing - with IPS 16:9 TFT display.
- Energy saving W-LED backlight - for uncompromising green productivity.
- Extraordinary Features - such as Digital Uniformity Control, Picture-in-Picture, USB Hub, 3D LUT colour space emulation, backlight ageing correction, DisplayPort.
- Future-proof Connectivity - as well as easier support of high resolution, IPS colour signal is assured with DisplayPort and HDMI connectors.
- True Colours - with a wide colour gamut (75% size / 75% coverage AdobeRGB) and hardware calibration with 14-bit LUT (look up table) for 42-bit colour control and gamma correction, irrespective of colour and input.
- Free Download of Multi-Display Management Software - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.
- Special Characteristics - Adjustable power LED (colour and brightness); Advanced NTAA; AmbiBright ; Auto Black Level ; AutoBright ; Auto Brightness; Auto Contrast; CableComp with Sync Continuity Detection; DDC/CI compatible; Digital Uniformity Control (ColorComp) ; Direct Brightness and Contrast; EcoModes ; GammaComp (14-bit Look Up Table and 16-bit processing); Integrated USB Hub (2 up; 3 down); NaViSet Administrator 2 ; OmniColor™ : sRGB and 6-Axis-Colour-Control; Overdrive; Programmable 3D LUT ; Quick release Stand and Handle; RapidMotion; Rapid Response Technology ; Self Diagnostics; TileComp ; TileMatrix ; TORO™ Design ; LED backlight technology

Specifications:

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Specifications

Product Code	SPECTRA-232
DISPLAY	
Panel Technology	IPS TFT
Screen Size [inch/cm]	23 / 58.4
Pixel Pitch [mm]	0.265
Brightness (typ.) [cd/m²]	270
Contrast Ratio (typ.)	1000:1
Viewing Angle [degrees]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	14 (8 white / black; 6 black / white); 8 (grey-to-grey)
Colours [Mio.]	16.77
Colour Gamut Size / Coverage	75% / 75% Adobe RGB
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 83
Vertical Frequency [Hz]	50 - 85
RESOLUTION	
Optimum Resolution	1920 x 1080 at 60 Hz
Supported	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; 720 x 400; 640 x 480; 640 x 480p
CONNECTIVITY	
Digital	1 x DisplayPort; 1 x DVI-D; 1 x HDMI
Analog	1 x mini D-sub 15 pin
ELECTRICAL	
Power Consumption on Mode [W]	23 (typ.); 29 (max.)
Power Savings Mode [W]	1
Power Supply	0.95 A/0.35 A; 100-240 V; integrated power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [degreesC]	+5 to +35
Operating Humidity [%]	30 to 80
ERGONOMICS	
Height adjustable Stand [mm]	150 (Landscape mode)
Screen Tilt / Swivel [degrees]	-5 to +30; -45 to +45
Screen Rotate [degrees]	0 to 90 (landscape to portrait mode)
MECHANICAL	
Bezel Width [mm]	16.2
Dimensions (W x H x D) [mm]	543.6 x 338 x 227.6
Weight [kg]	10.2
VESA Mounting [mm]	100 x 100 (4 points)

ADDITIONAL FEATURES	
Benefits (for Datasheet)	Adjustable power LED (colour and brightness); Advanced NTAA; AmbiBright ; Auto Black Level ; Auto Brightness; Auto Contrast; AutoBright ; CableComp with Sync Continuity Detection; DDC/CI compatible; Digital Uniformity Control (ColorComp) ; Direct Brightness and Contrast; EcoModes ; GammaComp (14-bit Look Up Table and 16-bit processing); Integrated USB Hub (2 up; 3 down); NaViSet Administrator 2 ; OmniColor : sRGB and 6-Axis-Colour-Control; Overdrive; Programmable 3D LUT ; Quick release Stand and Handle; Rapid Response Technology ; RapidMotion; Self Diagnostics; TileComp ; TileMatrix ; TORO Design
Colour Versions	Black Front Bezel, Black Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	EDID Standard; VESA DDC/CI; VESA DDC2B
Audio	Option: MultiSync Soundbar Pro
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
Shipping Content	CD-ROM; CD-ROM with SpectraView Profiler Software and manual; Monitor; Power Cable; Sales Office List; Signal Cable DisplayPort; User Manual
	Signal Cable: 2 x DVI-D; Mini DisplayPort; VGA - VGA
Safety and Ergonomics	C-tick; CCC; CE; Energy Star 5.0; FCC Class B; GEEA/Energy Label; ISO 9241-307 (pixel failure class I); MPR II/ MPR III; PCBC/B-mark; PCT/Gost; PSB; RoHS ; TCO 5.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA
GREEN FEATURES	
Energy Efficiency	LED backlight technology
Ecological Standards	Energy Star 5.0

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/SPECTRA-232-Nec-SpectraView-23-Wide-IPS-LED-Monitor-p-96190.php

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