

MultiSync® P212

NEC LCD 21" Professional Display

Datasheet



Professional IPS Performance Desktop Display delivers uncompromising image quality as well as minimising life-cycle environmental impact. Uniting outstanding colour reproduction, class-leading ergonomics, an built-in carbon savings meter, Ambient Light Sensor and IPS performance makes it ideal for creative professionals.

The ideal display for all CAD-CAM, finance, 24/7 control room applications, precision engineering and industrial applications (e.g. NDT) and anyone who cares about their visual work.

Benefits

Uncompromising Image Quality full colour control thanks to IPS, Digital Uniformity Control, 14-bit hardware LUT, SpectraView Engine performance and SpectraView II calibration control.

Future-proof Connectivity - as well as easier support of high resolution, IPS colour signal is assured with DisplayPort and HDMI connectors.

Responsible Approach to Environmental Impact - is maintained, without any performance compromise: Ambient Light Sensor, Carbon Footprint Meter / Carbon Savings Meter and efficient cabinet packing design.

Ergonomic Office full height adjustability (150 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

Cost Saving Device Management save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

Product Name	MultiSync® P212
Product Group	NEC LCD 21" Professional Display
Order Code	60003862 (BK), 60003989 (WH)

Display

Panel Technology	IPS TFT
Screen Size [inch/cm]	21.3 / 54
Pixel Pitch [mm]	0.270
Brightness (typ.) [cd/m ²]	440
Contrast Ratio (typ.)	1500:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8 (grey-to-grey)
Colours [Mio.]	1073 (10-bit DisplayPort or HDMI); 16.77 (8-bit per colour)
Colour Gamut Size / Coverage	77% / 78.8% Adobe RGB; 97.9% /106.3% sRGB

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 99.5
Vertical Frequency [Hz]	50 - 85

Resolution

Optimum Resolution	1600 x 1200 at 60 Hz
Supported	1280 x 1024; 1280 x 960; 1024 x 768; 800 x 600; 720 x 400

Connectivity

Digital	1 x DisplayPort; 1 x DVI-D; 1 x HDMI; USB ver. 3.0 (3 down / 1 up)
Analog	1 x D-sub 15 pin

Electrical

Power Consumption on Mode [W]	24 (typ.); 57 (max.)
Power Savings Mode [W]	< 0.5
Power Supply	1 A/0.6 A; 100-120 V/220-240 V; integrated power supply

Environmental Conditions

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80

Ergonomics

Height adjustable Stand [mm]	150 (Landscape mode)
Screen Tilt / Swivel [°]	-5 to +30; -45 to +45
Screen Rotate [°]	0 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]	16.2 (left, right and bottom); 16.8 (top)
Dimensions (W x H x D) [mm]	466.4 x 374.6 x 227.6
Weight [kg]	8
VESA Mounting [mm]	100 x 100 (4 points)

Additional Features

Special Characteristics	Adjustable power LED (colour and brightness); AmbiBright; Auto Black Level; Auto Contrast; AutoBright; Consistent colour viewing with IPS technology; DDC/CI compatible; Digital Uniformity Control; Direct Brightness and Contrast; EcoModes; GammaComp (14-bit Look Up Table); Integrated USB Hub (1 up; 3 down); LED Backlight Technology; NaViSet Administrator 2; Overdrive; Programmable 3D LUT; Quick release Stand and Handle; Rapid Response Technology; Self Diagnostics; sRGB and 6-axis-colour-control; TileComp; TileMatrix; TORO™ Design; Windows 7 compatible
Colour Versions	Black Front Bezel, Black Back Cabinet; Silver Front Bezel, Light Grey Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	EDID Standard; VESA DDC/CI; VESA DDC2B
Audio	Integrated Speakers
Adjust Functions	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; NTAA (Non-Touch-Auto-Adjustment); OmniColor™: sRGB and 6-axis-colour-control; On-Screen-Display (OSD) lock-out; Sharpness; USB
Shipping Content	Monitor; Power Cable; Setup Guide; USB Cable Signal Cable: 1 x DVI-D; DisplayPort
Safety and Ergonomics	CCC; CE; EAC; ErP; FCC Class B; ISO 9241-307 (pixel failure class I); MPR III; PSB; RoHS; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA
Warranty	3 years warranty incl. backlight; optional 1st to 3rd year 24/7 usage warranty; optional 4th to 5th year warranty extension

Green Features

Energy Efficiency	Carbon Footprint Meter / Carbon Savings Meter; Energy efficiency class: B
Ecological Materials	Efficient mechanical design for minimised packaging; Minimal use of harmful material
Ecological Standards	ErP compliant



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