

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

Display

Panel Technology	IPS TFT
Screen Size [inch/cm]	21 / 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



CE



ErP



FCC Class B



MPR III



RoHS



TÜV

Ergonomics



TÜV GS

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