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NEC

NEC MULTEOS M461 with DST Touch

see more.

NEC Display Solutions

Perfect in design and functionality - the fully integrated DST touch solution ideally fits with the elegant MULTEOS series.

- Fully integrated 46" DST Touch Technology Full HD resolution.
- DisplayPort and Ethernet port to support the latest standard interface.
- Option slot.
- Perfect in combination with an optional Built-In PC as a stand alone solution.
- 3 years warranty.

NEC MULTEOS M461 with DST Touch

TECHNICAL SPECIFICATIONS

Panel Technology	TFT S-PVA
Active Screen A rea (W x H) [mm]	1018.4 x 572.5
Screen Size [inch/cm]	46 / 117
Viewing A ngle (typ.)	0.530 x 0.530
Pixel Pitch [mm]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Ratio	16:9
Brightness (typ.) [cd/m²]	450
Contrast Ratio (typ.)	4000:1
Response Time (typ.) [ms]	8 (grey-to-grey)
Colours [million]	16,77
Horizontal Frequency [kHz]	31,5 - 91,1 (analog and digital)
Vertical Frequency [Hz]	50,0 - 85,0
Optimum Resolution	1920 x 1080 at 60 Hz
Native Resolution	1920 x 1080 at 60 Hz
Summary from other resolutions	1680 x 1050; 1600 x 1200; 1440 x 1050; 1360 x 768; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480
Video Input	Analog: 5 x BNC, Component, Composite (via BNC and Cinch); 1 x S-Video; 1 x Dsub 15; Digital: 1 x DVI-D (with HDCP); HDMI
Video Output	Analog: 5 x BNC, Composite (via BNC)
Audio Input	2 x Cinch, 1 x 3.5 mm Head-jack
Audio Output	1 x 3.5 mm Head-jack
Option-Slot	CAT 5 Receiver; HD-SDI Board; Single Board Computer; DVI Daisy Chain Board; MediaPlayer
Plug & Play	VESA DDC2Bi
Safety and Ergonomics	CE; ERP; TÜV GS; C-tick; FCC classe B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS
Power Consumption (typ.) [W]	200 (at 500 cd/m²) (tip.); 280 (max.)
Power Management	VESA DPMS
Power Requirements	100-120 V/220-240 V; 3,0 A/1,2 A; internal power supply
Operating Temperature [°C]	+5 to +40 (influence on the maximum brightness)
Operating Humidity [%]	20 to 80
VESA Mounting [mm]	300 x 300; M6; 4 holes
Dimensions (W x H x D) [mm]	Without stand: 1112.8 x 659.4 x 142.5
Weight [kg]	Without stand : 29.8
Specials	Fast source changing; Carbon footprint meter; Input's names defined by user; PIP mode with 2 PC inputs PC; Input's priorities defined by the user; Protection against overheating innovative; OSD rotatation in portrait mode; Fan speed controlled by the use.
Supported TV standards (no tuner)	SECAM; PAL; NTSC
Video Modes (no tuner)	480i; 480p; 576i; 576p; 2 x 720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz); 2 x 1080p (50 and 60 Hz)
Audio Functions	Optional speaker (15 W + 15 W)
Remote Control	RS-232C (9 pin D-Sub) Input + Output; Dsub 15 and DVI-D (DDC/CI); Remote Control IR
Colour Versions	Black Front Bezel/Black Back Cabinet / Silver Front Bezel/Black Back Cabinet
Shipping Content	Display, Stand; Power Cable; Remote Control (IR); Driver CD, USB Cable; CD Manual; VGA-VGA Cable
Warranty	3 years warranty including backlight
Touch Specifications	
Input Methode	Finger and stylus input
Light transmission**	92% (±2%)
Substrat material	Chemically-strengthened glass substrate
Surface obstructions	Touch screen operation withstands surface contaminants such as dirt, dust and grime
Communications Protocol	USB HID
Driver	MicroTouch MT7 for MicroTouch DST driver for Microsoft® Windows® 2000 / XP / VISTA, HID-compliant

** Test uses BYK Gardner Haze Gard Plus.

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