

nTouch™ 180^{HD}

Touch-Screen Controller

MediaMatrix®



Description

The new MediaMatrix nTouch™ 180^{HD} features a clean modern design that can be mounted in any number of handy locations to provide a rich graphical user interface that can be tailored to any control requirement. New high resolution graphics and a responsive capacitive touch screen provide the user experience that your customers now expect.

Features

- Sharp 16:9 ratio 7" diagonal high resolution display
- Responsive capacitive touch interface
- Flexible mounting options
- Silent convection cooled operation
- Universal external agency approved power supply
- Improved processor power and speed
- Robust industrial operating system

Features and specifications subject to change without notice.

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Commercial Audio

nTouch™ 180^{HD} - Touch Screen Controller Specifications

nTouch 180 ^{HD}		
LCD	Size	7"
	Resolution	1024 x 600 (16:9)
	Brightness (cd/m ²)	500
	Contrast Ratio	700:1
	LCD Color	16.2M
	Pixel Pitch (mm)	0.0635 (H) x 0.1905 (V)
	Viewing Angle (H-V)	150° / 145°
	Backlight MTBF (hrs)	2000 hrs
Touch	Touch Screen	Projected Capacitive Type
	Touch Controller	EETI EXC3160
Motherboard	CPU	Dual Core Intel Celeron N2807
	RAM	2GB DDR3L
	Ethernet	2 x PCIe GbE by RTL8111E Controller
Storage		mSATA
I/O Ports & Switch	2 x RS-232 COM port (DB-9 connector)	
	2 x USB 3.0	
	2 x GbE LAN	
	1 x Power Switch	
	1 x Reset Button	
	1 x AT/ATX Switch	
	1 x 9-30V Lockable Power Jack	
Audio		AMP 2W (internal speaker, left channel output)
OSD Function		Software OSD
Physical	Front Panel Constuction	PC + ABS Plastic
	Mounting	Panel, Wall, Stand, Arm / VESA 75mm x 75mm
	Color	Black C
	Dimensions (WxHxD) (mm)	191 x 127 x 43
	Cut-out Dimensions (WxH) (mm)	182 x 111
	Net Gross Weight (kgs)	0.73 / 1.81
Environment	Operating Temperature (C°) (Ambient with air flow)	-20°C~50°C
	Storage Tempature (C°)	-20°C~60°C
	Humidity	10% to 95% (non-condensing)
	IP Level	IP 65 compliant front panel
	Safety & EMC	CE / FCC
	Thermal Solution	Fanless
Power	Power Requirement	9 V ~ 30 V
	Power Consumption	12V@2.08