



TouchMe® Cotton nelle varianti SMALL, MEDIUM e LARGE,  
tutto il bello del touch, senza complicazioni.

**TouchMe® Cotton** con modulo touch-screen **Linux embedded** è un potente sistema integrato progettato e ottimizzato per l'utilizzo su macchine e applicazioni industriali.

La scheda integra un processore ARM9, con un display LCD in tagli da 4,3", da 7" e da 10,1" [**Small - Medium - Large**] è l'ideale per portare il tocco di una completa interfaccia grafica a colori anche su quelle macchine dove spazio e costi devono essere contenuti. Ha le caratteristiche ideali per sviluppare velocemente prototipi per piccole e medie produzioni.

Compatto e sottile, dotato di touch-screen di tipo resistivo, **TouchMe® Cotton** con i tools di sviluppo a corredo offre la possibilità di realizzare interfacce intuitive e flessibili per ogni singola necessità.

**TouchMe® Cotton** è il prodotto ideale per la tua voglia di innovazione.

Una soluzione completa - dal progetto e produzione dell'hardware, dal software, dalla grafica della vostra applicazione, - **TouchMe® Cotton** è quello che cercavi.

*TouchMe® Cotton is a powerful Linux embedded touch-screen module, that can be used on machinery and industrial applications. The board's main CPU is a 32-bit ARM9 processor, with a 4,3", 7" and 10,1" LCD display [**Small - Medium - Large**] and it is the best deal to bring the touch of a complete in-color graphic interface on machinery where tight spaces or mechanical constraints and low costs are important features to be taken in consideration. it has all features needed to quickly develop prototypes for small and medium productions. **TouchMe® Cotton** is compact and thin and it is provided with the best tools of Board Support Package currently available on Linux®.*

*With this BSP developers and programmers have the chance to make intuitive and flexible interfaces for every single need. **TouchMe® Cotton** is ideal for your innovation desire. A complete solution - from the design and the hardware creation, up to the software and finally to the graphics of your application - **TouchMe® Cotton** is what you are looking for.*

*TouchMe® Cotton in Small, Medium and Large Versions the ease of the "touch", without complications.*



Il nostro Sistema Qualità ha ricevuto la certificazione di conformità a norme ISO 9002 dal 1998. Da Gennaio 2010 siamo passati alla ISO 9001:2008.

Our Quality System was granted the certification of conformity with ISO 9002 standards as September 1998. From January 2010 we have switched over to ISO 9001:2008.

**assolutamente made in italy.**

TouchMe<sup>®</sup>, tutto il bello del touch, senza complicazioni.

touchMe  
SIZE S / M / L  
SMALL

T//COTTON

touchMe  
SIZE S / M / L  
MEDIUM

T//COTTON

touchMe  
SIZE S / M / L  
LARGE



## CARATTERISTICHE TECNICHE // TECHNICAL FEATURES\*

<b>Dimensions</b>	TouchMe Cotton Small - Total Frame size mm 123 x 85 TouchMe Cotton Medium - Total Frame size mm 186 x 130 TouchMe Cotton Large - Total Frame size mm 251 x 170
<b>Power supply</b>	10-20Vdc or 21-38Vdc (you can ask for your customised version when placing the order)
<b>Microprocessor</b>	Freescale i.MX28-6 ARM926 @454MHz
<b>Memory</b>	SDRAM DDR2: 128 MiB Flash eMMC: 2 GiB FRAM: 8 KB (non-volatile, writing without waiting time and without limits in re-writing).
<b>LCD</b>	LCD 4.3" with resistive touch-screen - Resolution 480x272 [TouchMe Cotton Small] LCD 7" with resistive touch-screen - Resolution 800x480 [TouchMe Cotton Medium] LCD 10,1" with resistive touch-screen - Resolution 1024x600 [TouchMe Cotton Large]
<b>Real Time Clock</b>	SuperCap buffered calendar Clock. It guarantees at least one week without power supply before losing date and time
<b>Ethernet</b>	1 Ethernet Port 10/100 Mb Plug with activity/link warning led
<b>Wireless</b>	Wi-Fi b/g/n Module with connector for external antenna
<b>USB 2.0</b>	1 USB Host connector, type A receptacle 1 USB OTG connector, type A/B microUSB receptacle
<b>microSD card</b>	microSD card slot with push-push type connector and automated retention of the card
<b>Audio</b>	3.5mm jack stereo connector for line-in input 2-pins connector for microphone (microphone accessory with 50mm lead) 3.5mm jack stereo connector for earphones output output pins for Mono-loudspeaker on terminal or small loudspeaker mounted on the board, as an alternative
<b>Connection</b>	UART - serial connector with RS232 or TTL 3V or 5V levels (switch selectable) RS485 bus connector with line-end terminator resistor-pack (selectable via dip-switch) CanBus DB9 connector with line-end terminator resistor-pack (selectable via a dip-switch) I2C (Two Wire Interface) Bus 5V levels (3.3V on request) connector with an optional Interrupt digital input One-Wire connector
<b>Jtag Port</b>	Yes with custom connector
<b>Software</b>	Debian Wheezy Linux, Qt 4 Libraries and GCC Compiler

## ACCESSORI // ACCESSORIES

<b>JEK-KEY-EK206</b>	USB JTAG Emulator with debug UART
<b>MIC-EK340</b>	Microphone with 50mm lead
<b>WIFI-ANT</b>	WiFi Antenna kit



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Based on Linux™

