

# DTOUCH-1

**DTouch-1** is the electronics based on a **32-bit ARM Cortex-M7** processor with real-time graphics acceleration and a clock frequency up to 216 MHz, ideal for **medium-sized displays**. The processor core provides high performance, enabling interactive graphics and smooth animations.

DTouch-1 can be configured with displays up to 10" and is available with 5 V or 12 Vdc power supply.

Thanks to the **IoT solutions** developed by DTI, it is possible to fully leverage all the features offered by DConnect modules and connect DTouch-1 via Wi-Fi, Bluetooth, mobile, and Ethernet port.



## HIGHLIGHTS



Digital I/O



LVDS-TTL 18 BIT



MICRO SD



STM32 microcontroller



RS485



WIFI



USB2



SPI/I2C

## TECHNICAL FEATURES

ARM® Cortex® - M7 32bit Processor

Flash memory: up to 1 MByte

SRAM: 320 KByte + 8 MByte (ext)

Frequency: 216 MHz

TFT sizes: up to 10.1"

Power supply: 5-12 Vdc

Communication interfaces: Modbus RS485, TTL and customizable I/O, USB port, and micro SD

Connectivity: DTI DConnect modules

## TECHNICAL DRAWINGS

