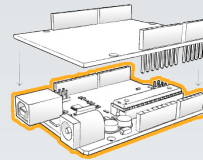


Duinotech Leonardo



- Type: Main Board
- Application: Main Microcontroller
Add shields, modules and components to build your project
- Dimensions: 75(L) x 53(W) x 13(H)mm

Duinotech Leonardo Overview:

The Duinotech Lite is a slightly different twist on the basic Arduino-Compatible board. Most Arduinos use two microchips, the main microcontroller that runs your programs and a smaller chip that connects the Arduino to your computer via USB. The Duinotech Lite uses one chip to perform both functions. This means that the Duinotech Lite isn't confined to being just a serial device, it can emulate a keyboard, mouse or joystick as well.

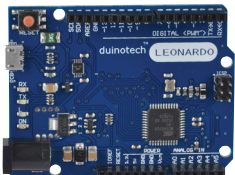
Specifications	
	Duinotech Lite
Processor	ATmega32u4 •8-bit CPU •16MHz clock speed •2.5KB •32KB flash storage
I/O	14 digital I/O pins 6 analog input pins (can be used as digital)
Operating Voltage	5VDC
Supply Voltage	5VDC via USB 7-14VDC via Vin Pin or DC Jack
Dimensions	75(L) x 53(W) x 13(H)
Additional Features	Two serial ports, one hardware one USB.

What is included: 1 x Duinotech Lite Board

Essential Accessories: Protoshields (XC4482)
Jumper Leads (WC6028)

Optional Accessories: Battery Bank with USB Socket (Provides 5VDC power, ideal for robotics projects)
Joystick Module

Duinotech Leonardo Sample Projects:



Did you know:

The Duinotech Leonardo provides TWO serial ports, one for programming and USB functions and a second hardware port on pins 0&1. This means you can program the board without having to disconnect your external devices from pins 0&1.