



The NB1/CATM1 Developer Platform

Tuino 096 is an Arduino Zero compatible board fitted with the Quectel BG96 module. A seamless integration that will allow any developer to experiment with NB1 and CATM1 connectivity. The Quectel BG96 adds also a GNSS on board and the **Tuino 096** leverage this functionality making it possible to experiment complete tracking solutions.

And it is still not finished since the BG96 is also compatible with 2G networks allowing to deploy also in area where the new NB1 and CATM1 technologies are still not available.

A really complete platform for both makers and R&D departments that want to put in place POC or small scale deployments.

Technical Specs

Microcontroller	ATSAMD21G18, 32-Bit ARM Cortex M0+
Operating Voltage	3.3 V
Digital I/O Pins	20
PWM Pins	3, 4, 5, 6, 8, 9, 10, 11, 12, 13
UART	2 (User and for BG96)
Analog Input Pins	6, 12-bit ADC channels
Analog Output Pins	1, 10-bit DAC
External Interrupts	All pins except pin 4
DC Current per I/O Pin	7 mA
Flash Memory	256 KB
SRAM	32 KB
LED_BUILTIN	13
Clock Speed	48 MHz
Length	68 mm
Width	53 mm

For full specifications and code examples visit:
www.gimasi.ch



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