

Item no.: 384012

## ABX00028-6P - Nano Every - 6-pack

from **86,24 EUR**

Item no.: 384012  
shipping weight: 0.20 kg  
Manufacturer: Arduino



### Product Description

The Nano Every is Arduino's 5V compatible board with the smallest form factor available: 45x18mm! The Arduino Nano is the board of choice for many projects that require a small and easy to use microcontroller board. One example is low-cost robotics, where the Nano is widely used. If you are in the situation of needing many boards for your classroom, or if you need to present a complex prototype with many functional blocks, this package offers you exactly what you need: a range of Arduino Nano Every boards. The Arduino Nano Every is an evolution of the traditional Arduino Nano, but with a much more powerful processor, the ATmega4809. This allows you to create larger programs than with the Arduino Uno (it has 50% more program memory), and with many more variables (the RAM is 200% larger). The package is available in two sizes, either with 3 or 6 Arduino Nano Every boards without headers. Whether you want to minimise the size of your prototypes or share the joy of electronics with your friends, this is the best option you can find. Learn more To learn more about the history of the Nano Every, don't miss the interview with Dario Pennisi, the head of hardware and firmware development at Arduino, who led the development of this board. Getting started The Getting started section contains all the information you need to configure your board, use the Arduino software (IDE) and get started with programming and electronics. Technical data- The Arduino Nano Every is based on the ATmega4809 microcontroller.- Microcontroller ATmega4809 (data sheet)- Operating voltage 5V- Input voltage (limit) 21V- DC current per I/O pin 20 mA- DC current for 3.3V pin 50 mA- Clock frequency 20MHz- CPU flash memory 48KB (ATmega4809)- SRAM 6KB (ATmega4809)- EEPROM 256byte (ATmega4809)- PWM pins 5 (D3, D5, D6, D9, D10)- UART 1- SPI 1- I2C 1- Analogue Input Pins 8 (ADC 10 bit)- Analogue Output Pins PWM only (no DAC)- External Interrupts all digital pins- LED\_BUILTIN 13- USB Uses ATSAM11D14A (datasheet)- Length 45 mm- Width 18 mm- Weight 5 gr (with headers)

### Specifications

**Scan this QR code to  
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All details, up-to-date  
prices and availability

