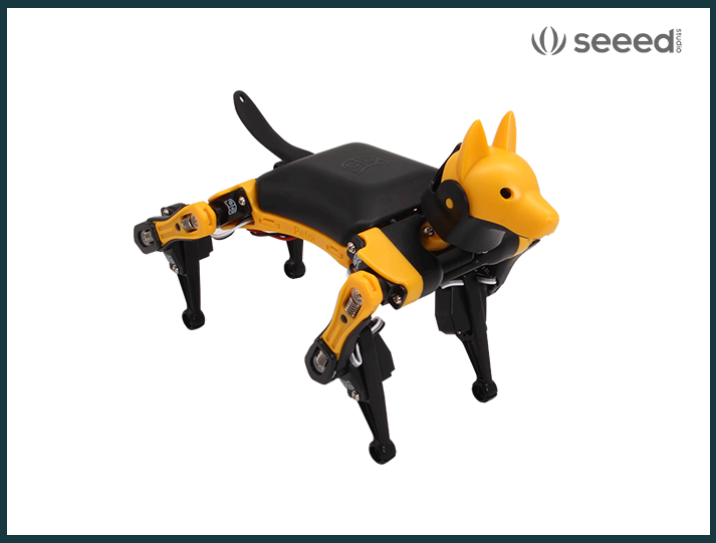
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INDUSTRIAL PRODUCT DATASHEET

Petoi Bittle - Bionic Open Source Robot Dog with Free Course

Petoi Bittle is a small but agile and powerful bionic robot dog.

SKU	UPDATED	PRICE
114992499	2026-11-11 06:46:54	$379.00(Excl. VAT)



Overview



Petoi Bittle is a small but agile and powerful bionic robot dog. It is an ideal tool for learning, teaching, and researching quadruped robots. With a customized Arduino board coordinating all instinctive and sophisticated movements, you can clip on various sensors to bring in perception. You could also inject artificial intelligence capabilities by mounting a Raspberry Pi or other AI chips. *Seeed is the official reseller of Petoi Bittle.

Key Features

01 **Unique bionic system：The unique bionic system can perform dynamic movement and has excellent coordination.The bionic structure of the legs gives it more freedom in unstructured terrain.This dynamic mobility can only be seen in some of the best laboratories or some luxury robots of big companies, such as Boston Dynamics Spot or Sony Aibo.**

02 **Compatible with multiple programming methods**

Bittle can be programmed at different levels in various programming environmentsincluding Arduino IDE for C language and Codecraft for graphical programming.Developers and STEM educators can also review and modify Bittle C code, which is completely open source.

03 **Customized Arduino board**

Bittle is driven by NyBoard V1, a customized Arduino board with rich peripherals (Atmega328P chip). It fully utilizes the chip of a regular Arduino Uno to coordinate sophisticated motions. The board can drive at least 12 PWM servos, and an IMU (Inertial Measurement Unit) is used for balancing.

04 **Rich extensions**

Raspberry Pi or other artificial intelligence chips can be installed to make Bittle have stronger artificial intelligence capabilities; 4 grove interfaces can be connected with external sensors, such as ultrasonic sensors and infrared sensors (it can be held in the mouth, very cute)

05 **Easy to operate**

Bittle has been pre-programmed to be usable out of the box, with a 3D interlocking structure for the body and legs, reducing the use of screws.

06 **Rich curriculum resources**

Bittle has a wealth of course resources, 16 exclusive graphical programming courses, with expansion packs.

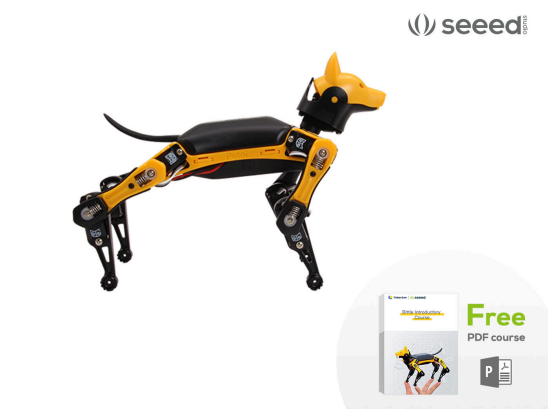
07 **Strong protection**

High-strength injection molded plastic provides the best protection against collisions and dust (not waterproof!). In the stress test, the assembled robot can withstand the footsteps of adults without damaging any components.

Product Gallery











Resource Links

- https://www.seeedstudio.com/CH-Bittle-p-4833.html

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