

Micro:Bit mini-computer goes global

A mini-computer project, formerly led by the BBC who donated a million units to British school children, is to be sold around the world, with enthusiasts offered instructions on how to build their own versions

PROGRAMMING SIDE

Reset button: Upload code to Micro:Bit and press "reset" to run it

Micro USB: Links to computer for coding*

Bluetooth antenna

Processor: ARM Cortex M-0

Compass

Accelerometer: Senses motion

"KID'S" SIDE

Face button: Two buttons can be programmed to perform different tasks

FUNCTION

Aimed at 11-year-olds, Micro:Bit introduces children to computer programming and acts as springboard to more advanced devices



Battery connector: 2 x AA batteries power device



AA battery to scale

Croc-clip/edge connector: For connecting to similar boards such as **Arduino** and **Raspberry Pi**

5 x 5 LED grid: Can display characters and scrolling animations

*Web-based programming tool compatible with PC/Mac, and iOS/Android tablets and smartphones

Sources: BBC, Technology Will Save Us, Wired

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