|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **name** | **price** | **RAM** | **FLASH** | **Clock MHz** | **RAM free** | **Flash free** | **Wireless** | **Notes** | **Conclusion** |
| Nano 33 BLE | 35.00 | 256 kb | 1 Mb | 64 | ? | ? | B | peripherals | No REPL |
| Teensy 4.1 | 36.00 | 1 Mb | 8 Mb | 600 | 744 Kb | 7 Mb | - | I/O | Spacy, -W -B |
| Pi Pico | 5.00 | 264 Kb | … 16 Mb | 133 (2) | 185 Kb | 1.4 Mb | - | PIO | OK |
| Pi Pico W | 8.00 | 264 Kb | … 16 Mb | 133 (2) | 159 Kb | 848 Kb | W (B) | PIO | OK, preferred |
| ESP32 | 7.00 | 320 Kb | … 16 Mb | 160/240 (2) | 106 Kb | 2 Mb | W, B |  | OK |
| ESP32 spiram | 7.00 | 8 Mb | … 16 Mb | 160/240 | 4086 Kb | 2 Mb | W, B |  | OK |
| ESP32 C3 | 7.00 | 400 Kb | … 16 Mb | 160 | 122 Kb |  | W, B |  | OK |
| ESP8266 | 5.00 | 80 Kb | … 4 Mb | 80/160 | 33 Kb | 3 Mb | W, B |  | Limited, use .mpy |
| micro:bit v1 | obsolete | 16 Kb | 256 Kb | 16 + | 7 Kb | ~ 30 Kb? | W, B | no .mpy, dirs | Toy |
| micro:bit v2 | 18.50 | 128 Kb | 512 Kb | 64 + | 62 Kb | ~ 30 Kb? | W, B | no .mpy, dirs | Toy |
| W600 | 2.00 | 288 Kb | 1 Mb | 80 | 32 Kb ? | 32 Kb ? | W |  | Thonny errors |
| Kendrite K210 | 40.00 | 8 Mb | 16 Mb | 400 (2) | 2320 Kb | 0 | - | No flash? | Thonny errors |

Prices: tinytronics, electronicavoorjou, aliexpress

Which ones require manual reset or disconnect?