Lista componenti M5Stack

# Versione Wireless:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nome | Link | Prezzo | Link CH | Prezzo CH | Quantità | Già presente |
| Temperatura, Umidità e Pressione | [ENV III Unit](https://shop.m5stack.com/products/env-iii-unit-with-temperature-humidity-air-pressure-sensor-sht30-qmp6988) | $5.95 | [distrelec](https://www.distrelec.ch/en/sht30-qmp6988-env-iii-environmental-sensor-unit-m5stack-u001/p/30226138) | 7.20 | 1 | No |
| Movimento (Infrarossi) | |  | | --- | |  |   [PIR Module](https://shop.m5stack.com/products/pir-module) | $5.50 | [distrelec](https://www.distrelec.ch/en/as312-pir-motion-sensor-unit-m5stack-u004/p/30180760) | 6.35 | 1 | No |
| RFID | [RFID Unit 2 WS1850S](https://shop.m5stack.com/products/rfid-unit-2-ws1850s) | $4.95 | [distrelec](https://www.distrelec.ch/en/ws1850s-rfid-communications-unit-13-56mhz-m5stack-u031/p/30285949) | 4.89 | 1 | No |
| Tastiera Mini | [CardKB Mini Keyboard](https://shop.m5stack.com/products/cardkb-mini-keyboard-programmable-unit-v1-1-mega8a) | $7.95 | [distrelec](https://www.distrelec.ch/en/mega8a-cardkb-keyboard-qwerty-50-keys-m5stack-u035/p/30344655) | 10.80 | 1 | No |
| Gas Sensor | [TVOC/eCO2](https://shop.m5stack.com/products/tvoc-eco2-gas-unit-sgp30) | $10.95 | [distrelec](https://www.distrelec.ch/en/sgp30-gas-sensor-unit-m5stack-u088/p/30185747) | 12.64 | 1 | No |
| LED | [RGB LED](https://shop.m5stack.com/products/rgb-unit) | $3.95 | [distrelec](https://www.distrelec.ch/en/sk6812-rgb-led-unit-m5stack-u003/p/30230751) | 4.10 | 2 | No |
| Controller NanoC6 | [M5Stack NanoC6 Dev Kit](https://shop.m5stack.com/products/m5stack-nanoc6-dev-kit) | $5.95 | [bastelgarage](https://www.bastelgarage.ch/m5stack-m5nanoc6-esp32-c6-dev-kit) | 9.90 | 4 | No |
| 1 to 3 Hub | [Mini Hub Module](https://shop.m5stack.com/products/mini-hub-module) | $3.50 | [distrelec](https://www.distrelec.ch/en/to-hub-grove-interface-expansion-unit-m5stack-u006/p/30180761) | 3.53 | 2 | No |
| Core2 | [M5Stack Core2](https://shop.m5stack.com/products/m5stack-core2-esp32-iot-development-kit?srsltid=AfmBOorOvMVkU8z5U9elgzv2qvQgeFfeVCaBLYwxHr-l4LPALtwEA3lw) | $46.90 | - | - | 1 | Si |

Ho scelto questa versione, dato che risulta più flessibile perché non servono cavi per collegare i sensori al Core2, ma servono cavi usb C e i controller NanoC6.

Servono cavi USB C o la scuola dispone di questi?

# Versione Cablata:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nome | Link | Prezzo | Quantità | Già presente |
| Temperatura, Umidità e Pressione | [ENV III Unit](https://shop.m5stack.com/products/env-iii-unit-with-temperature-humidity-air-pressure-sensor-sht30-qmp6988) | $5.95 | 1 | No |
| Movimento (Infrarossi) | |  | | --- | |  |   [PIR Module](https://shop.m5stack.com/products/pir-module) | $5.50 | 1 | No |
| RFID | [RFID Unit 2 WS1850S](https://shop.m5stack.com/products/rfid-unit-2-ws1850s) | $4.95 | 1 | No |
| Tastiera Mini | [CardKB Mini Keyboard](https://shop.m5stack.com/products/cardkb-mini-keyboard-programmable-unit-v1-1-mega8a) | $7.95 | 1 | No |
| Gas Sensor | [TVOC/eCO2](https://shop.m5stack.com/products/tvoc-eco2-gas-unit-sgp30) | $10.95 | 1 | No |
| LED | [RGB LED](https://shop.m5stack.com/products/rgb-unit) | $3.95 | 1 | No |
| 1 to 3 Hub | [Mini Hub Module](https://shop.m5stack.com/products/mini-hub-module) | $3.50 | ? | No |
| 1 to 6 Hub | [I/O Hub 1 to 6 Expansion Unit](https://shop.m5stack.com/products/i-o-hub-1-to-6-expansion-unit-stm32f0) | $7.95 | 1 | No |
| Core2 | [M5Stack Core2](https://shop.m5stack.com/products/m5stack-core2-esp32-iot-development-kit?srsltid=AfmBOorOvMVkU8z5U9elgzv2qvQgeFfeVCaBLYwxHr-l4LPALtwEA3lw) | $46.90 | 1 | Si |

# Cavi

|  |  |  |  |
| --- | --- | --- | --- |
| **Nome** | **Link** | **Prezzo** | **Quantità** |
| USB 50cm c to c | [reichelt](https://www.reichelt.com/ch/de/shop/produkt/usb_5_gb_s_kabel_c-stecker_auf_c-stecker_cu_schwarz_50_cm-221058) | 8.15 Fr | 1 |
| USB 150cm A to c | [reichelt](https://www.reichelt.com/ch/de/shop/produkt/usb_10_gb_s_kabel_a_stecker_auf_c_stecker_1_5_m-369809) | 9.70 Fr | 2 |
| USB 300cm c to c | [reichelt](https://www.reichelt.com/ch/de/shop/produkt/sync-_ladekabel_2in1_usb-c_usb-c_usb-a_3_m_schwarz-388055) | 7.93 Fr | 1 |
| Splitter 1 to 3 | [reichelt](https://www.reichelt.com/ch/de/shop/produkt/ladekabel_3-fach_usb-c_auf_usb-a_-c-377928?PROVID=2808&currency=CHF&gad_source=1&gclid=EAIaIQobChMIg92h4KSbjAMVHJmDBx2LUyzqEAQYCCABEgI7Q_D_BwE) | 13.28 Fr | 1 |
| Splitter 1 to 2 | [reichelt](https://www.reichelt.com/ch/de/shop/produkt/usb_2_0_adapter_c_buchse_auf_2x_c_stecker_y-kabel_0_3_m-334186?country=ch&CCTYPE=private&LANGUAGE=de) | 4.96 Fr | 1 |
| c to c adapter | [reichelt](https://www.reichelt.com/ch/de/shop/produkt/usb_3_1_adapter_c_buchse_auf_c_buchse-334204?PROVID=2808&currency=CHF&gad_source=1&gclid=EAIaIQobChMI49vZtKWTjAMV0JWDBx33FwsFEAQYAiABEgK3sfD_BwE) | 3.54 Fr | 2 |