Atech: A Plug-In Electronics Kit With an AI Editor That Writes the Code

Kabui, Charles

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Atech is a kit of plug-in electronics modules with a web editor that writes the program for them. It suits makers, students and developers who want a gadget without soldering. In Atech's demo, typing "warn me when the bedroom air gets bad" makes the editor pick modules including a carbon dioxide sensor, a screen and a light grid, and write the firmware (the program that runs the board) to link them. The editor shows which of the board's 12 ports each module

goes in. The board runs an ESP32 (a low-cost Wi-Fi chip). You upload over USB-C from desktop Chrome or Edge. Atech sells a 10-module kit, board included, for $99 and a 30-module pre-order kit for $399.

Only parts of Atech are open. Its Python toolkit, still in early testing, is open source and lets a coding agent such as Claude Code build and flash a board offline. Atech Atelier, an app for designing 3D-printed cases, is open source too, and the website calls it "an open-source tool for Prompt-To-Product". The web editor needs an account. Atech's terms warn that its AI can be wrong, and an assistant professor at the Technical University of Denmark, who once advised the founders, told the Danish site MADE that debugging still takes a multimeter.

Danish startup Atech raised $800,000 in pre-seed funding, TechCrunch reported in May. Amsterdam's Schematik writes code and wiring diagrams for parts bought elsewhere, and Wired reported it handles 3 to 5 volts at most.

Read More: Meta's code for building your own gadgets that connect to its Muse AI agent, on an ESP32 board or a Raspberry Pi

Sources:

- Atech documentation: quick start, board and toolkit
- Atech kits and prices
- atech Python toolkit (PyPI)
- TechCrunch: Lovable just backed a company that's looking to bring vibe coding to hardware
- MADE: Prompting hardware prototypes just got way easier

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