seeed studio

INDUSTRIAL PRODUCT DATASHEET

CodeCraft Bundle—Hardware-focused AI Coding Assistant for Wio Terminal, Grove Beginner Kit & XIAO ESP32

Hardware-focused AI coding assistant for Seeed devices that turns ideas into flashable firmware in minutes.

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Overview



CodeCraft Bundle is a hardware-focused AI coding assistant that generates runnable code and ready-to-flash firmware from natural language, running entirely in the browser with zero local setup. It provides first-class support for Wio Terminal, XIAO ESP32S3 Sense, Grove Beginner Kit, and 300+ Grove modules, enabling STEAM education, rapid prototyping, and edge-AI projects.

Key Features

Note:

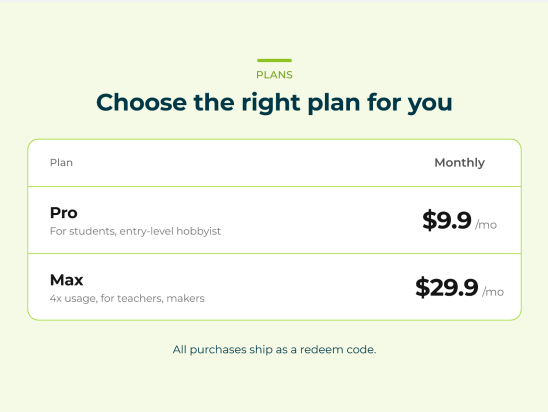
This is a digital product. Your purchase will be delivered as a redeem code. Activate at codecraft.seeed.cc. **Learn how to redeem**

- **Hardware-focused AI**: Unlike general vibe-coding tools, CodeCraft knows your board — its MCU, pin map, IOs, sensors and libraries — so the code it writes compiles and runs on the device.
- **Idea → flashable firmware in minutes**: Describe a project in natural language and get runnable code and ready-to-flash firmware.
- **Zero local setup**: Runs entirely in the browser. No Arduino IDE install, no driver hunting, no board-package or library configuration.
- **Works across the Seeed ecosystem**: First-class support for **Wio Terminal**, **XIAO ESP32S3 Sense** and the **Grove Beginner Kit**, plus 300+ plug-and-play **Grove sensors and modules**.
- **Explore and remix projects on SenseCraft AI**: Publish finished projects to the SenseCraft AI application library, or explore others' work and build on top of it.
- **Classroom-ready for STEAM**: Contact sales for bulk purchase, with account management and class code (no account) login.

Product Gallery







Applications

- **STEAM education:** let any age program by chatting with AI: games, sensor projects, edge-AI vision; with teacher course packs and class management.
- **Rapid prototyping for makers:** idea to running device without environment setup; iterate by conversation.
- **Game & demo building:** Snake, Tetris, Chrome-dino and more on the Wio Terminal screen.
- **Edge-AI vision:** camera/mic projects on XIAO ESP32S3 Sense.
- **Sensor & IoT projects:** plug-and-play Grove modules (temperature/humidity, light, motion).

Resource Links

- https://www.seeedstudio.com/CodeCraft-Hardware-focused-AI-Coding-Assistant-for-Wio-Terminal-Grove-Beginner-Kit-XIAO-ESP32.html
- CodeCraft
- How to Redeem Your Code
- SenseCraft AI Application Library

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