THE OFFLINE BRAIN

A LIBRARY THAT CAN TALK



ALL OF WIKIPEDIA
the whole thing, on one small drive

MEDICINE + HOW-TO
first aid, repairs, food, water

NO INTERNET. NO SIGNAL.
it lives in your house, on your shelf

× **IT IS NOT A SOURCE OF TRUTH — IT POINTS AT PAGES**

DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Read this chapter this weekend. The build takes one afternoon — while the internet still exists.

THE OFFLINE BRAIN

THE PARTS, ON ONE TABLE



PI 5, 8GB
the computer — 16GB is the upgrade

512GB FAST DRIVE
a real drive, not a memory card

COOLER + KEYBOARD
the fan is not optional

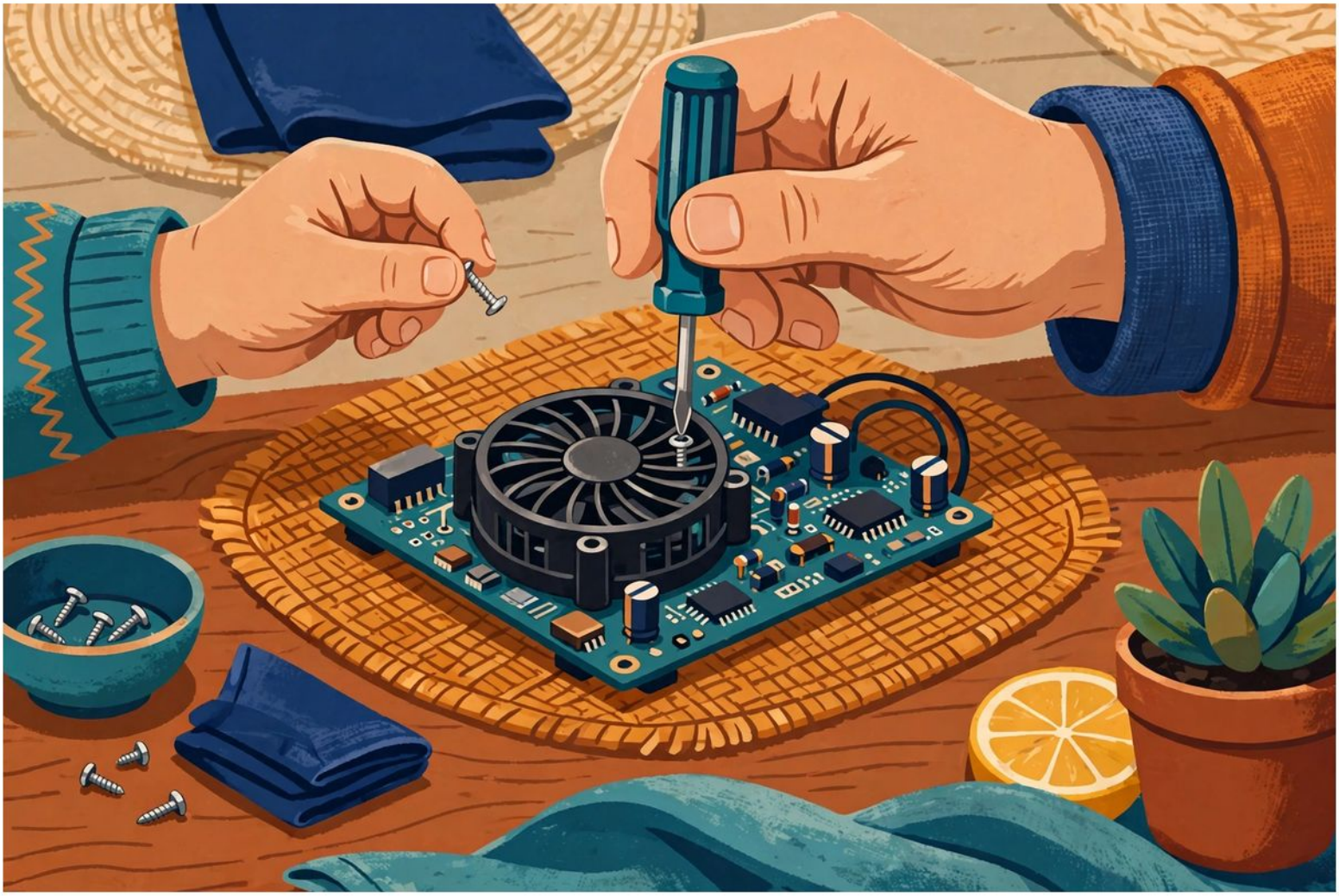
× DON'T BUY THE AI HAT — THE CHIP ALREADY BEATS IT

DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Price the full parts list on the Buy-Now pages (approx $459, Nov 2026) and order from any supplier.

THE OFFLINE BRAIN · SETUP

STEP 1 · BUILD IT



COOLER ON FIRST
it presses gently onto the board

DRIVE ON ITS HAT
the small board on top, one screw

CASE OPEN, NOT SEALED
it needs air to work

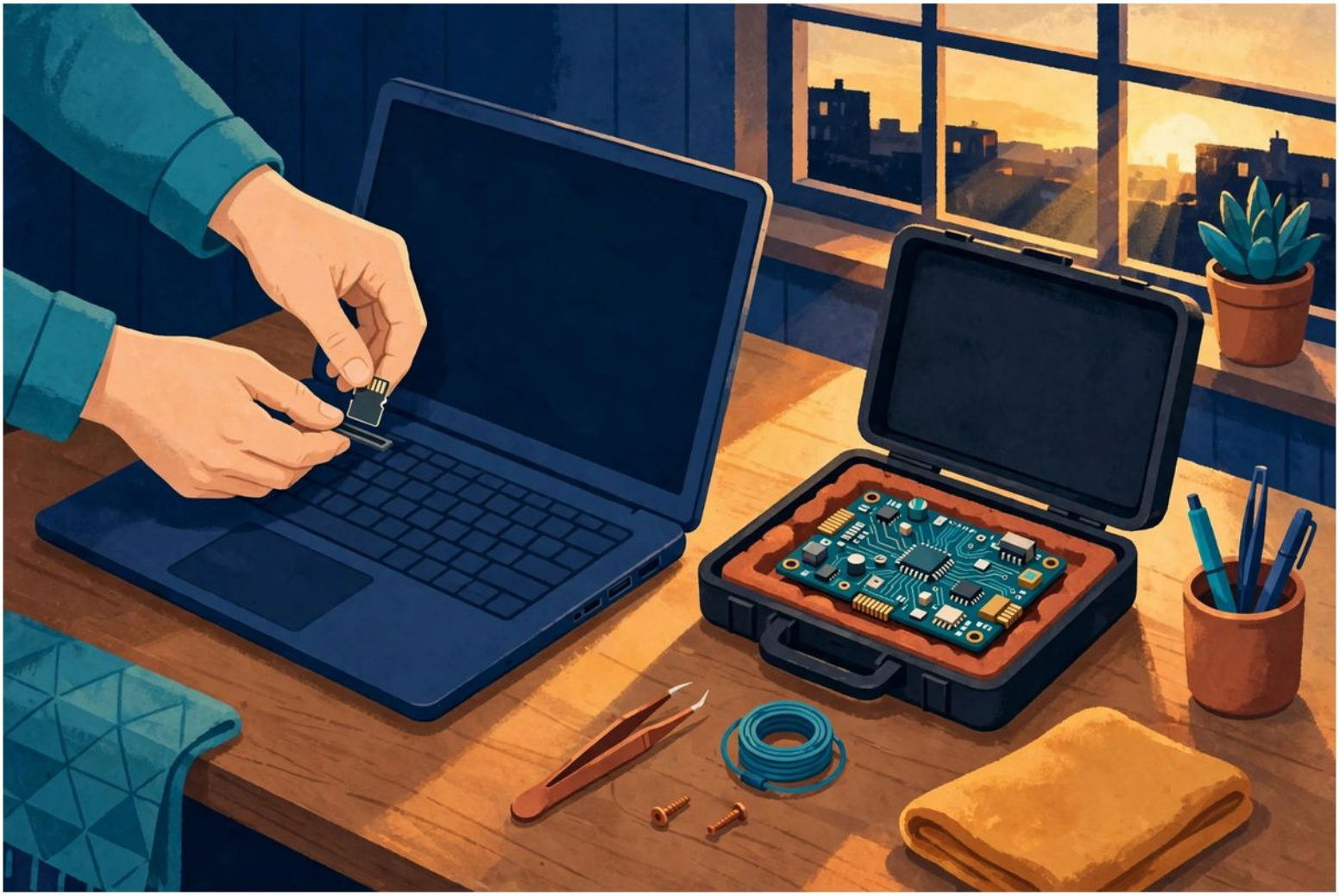
× **NEVER RUN IT SEALED IN ITS BAG**

DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Build it on the kitchen table this weekend. Kids hand you the screws.

THE OFFLINE BRAIN · SETUP

STEP 2 · FLASH IT



FREE FLASHER TOOL
Raspberry Pi Imager, on any computer

SET NAME + WI-FI FIRST
name it 'brain'; turn on remote access

WRITE TO THE NEW DRIVE
flashing wipes it — that's the plan

× **DON'T SKIP THE SETTINGS — THEY MAKE IT WORK SCREENLESS**

DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Flash it the same day you build it, while a second computer is handy.

THE OFFLINE BRAIN · SETUP

STEP 3 · FIRST BOOT, OPEN AIR



PLUG IN, LID OFF
first boot takes a few minutes

UPDATE EVERYTHING
one long download — do it now

SET 'OFF' TO MEAN OFF
one setting stops the idle drain

× **DON'T BOX IT UP HOT**

DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Boot it once and let it run an hour. Too hot to touch means the cooler is fitted wrong.

THE OFFLINE BRAIN · SETUP

STEP 4 · LOAD THE LIBRARY



WIKIPEDIA, FULL TEXT

about 49GB — with pictures, about 115GB

MEDICINE + SURVIVAL PACKS

about 9GB more

MAPS LIVE ON PHONES

the Brain stores files; phone apps read their

× DON'T FILL THE DRIVE TO THE BRIM — LEAVE ROOM

DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Download the library packs overnight this week. Test three searches your family would really ask.

STEP 5 · GIVE IT A VOICE



THE WORKING VOICE
Qwen 2.5 3B — about 5 tokens a second

DEEP MODE
Llama 3.1 8B — about 1.6 a second. Start it, wait

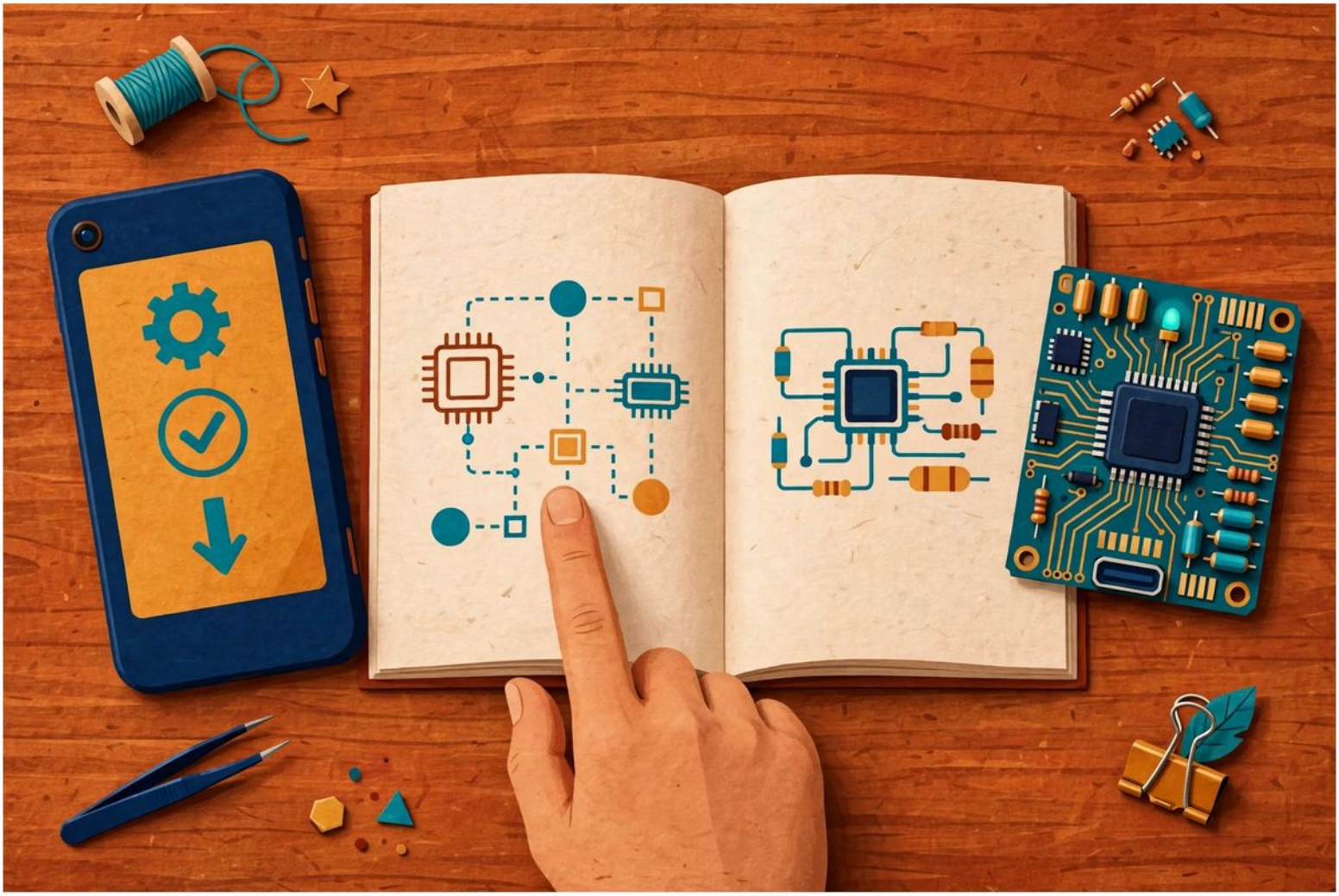
A 150-WORD ANSWER
about 30 seconds fast · about 90 deep

× FAST AND SMART AT ONCE DOESN'T EXIST AT THIS SIZE

DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Ask the fast voice five questions from this book. Time the deep voice once, so nobody is surprised later.

STEP 6 · ASK FOR THE PAGE



THE FAMILY RULE
'Brain — show me the page'

EVERY ANSWER POINTS
the article is one tap away

FIRST AID = ARTICLE OPEN
never follow the voice alone

× **A FLUENT ANSWER CAN STILL BE WRONG — CHECK THE PAGE**

DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Teach the rule at dinner tonight: nobody acts on the voice until the page is on screen.

STEP 7 · LOAD THIS BOOK



THIS WHOLE KIT
every PDF in this bundle

YOUR DOCUMENT SCANS
the pouch, digitized — paper stays primary

THE MAP FILES
your state + the neighbors

× **THE BRAIN IS A COPY — PAPER IS THE ORIGINAL**

DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Copy the kit and your document scans onto the drive tonight. It takes ten minutes.

THE OFFLINE BRAIN · POWER

POWERING THE BRAIN



IT SIPS POWER
about 3W idle · 6W working · 11W thinking

A 74Wh BANK
about 10 hours of normal use

A 512Wh STATION
about 3 days of mixed use

ONE 100W PANEL
covers every normal day, sun permitting

× **MANY USB BANKS CAN'T FEED IT 5V/5A — USE A STATION OR ITS OWN PLUG**

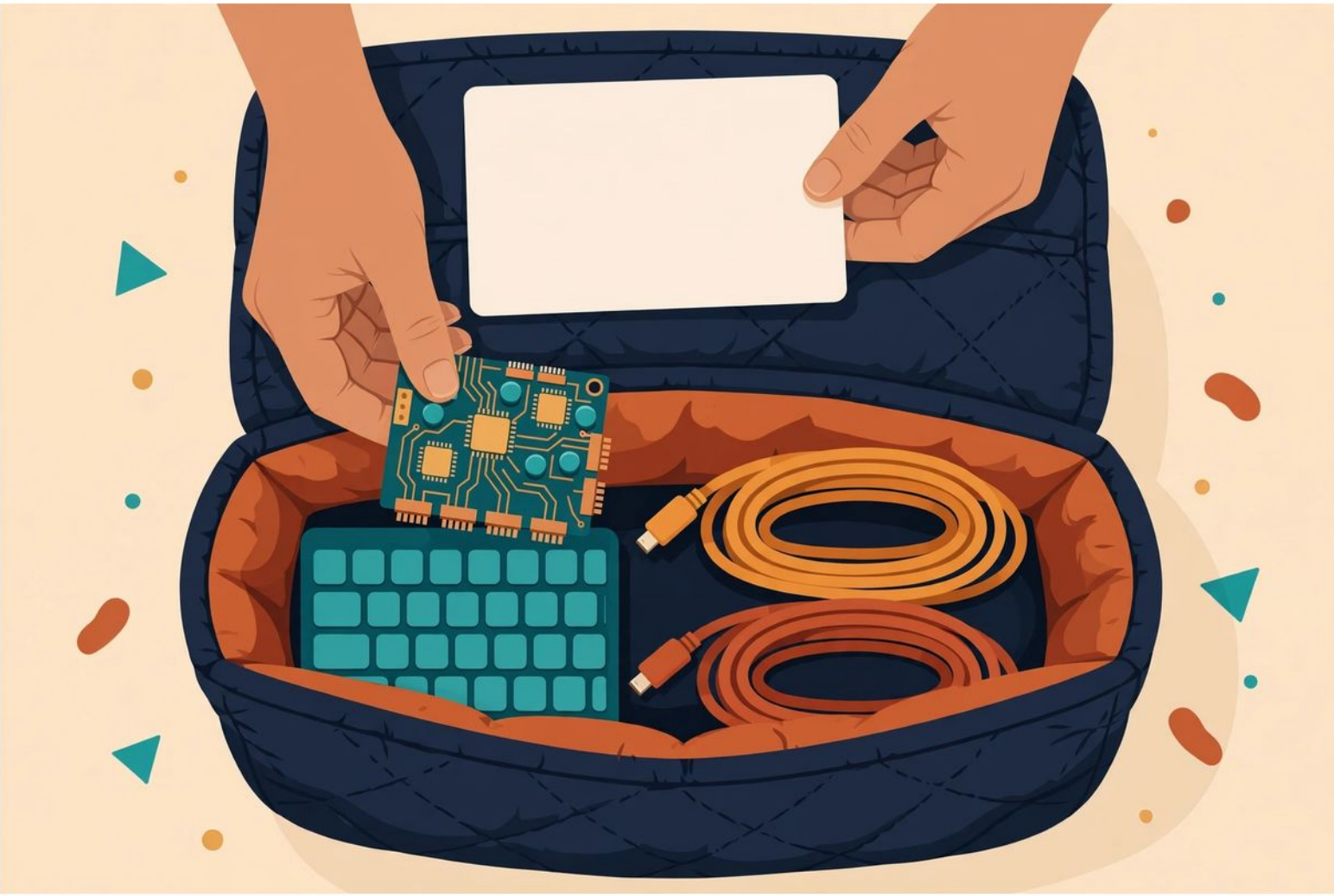
DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Run the one-hour drill: unplug, run it on the bank, write the percent drop on tape on the bank.

Measured Pi 5 power draw · this guide's power chapter · General information only — follow official guidance in a real emergency.

THE OFFLINE BRAIN · LIMITS

PACK IT. KNOW ITS LIMITS.



THE BAG IS A GARAGE
it blocks Wi-Fi by design — storage only

BOOT IT EVERY SEASON
updates + the drill, four times a year

THE BOOK WORKS AT 0 WAT
in the rain, dropped, battery dead

× **DON'T TRY TO USE IT INSIDE THE BAG**

DO THIS WEEKEND — BEFORE ANYTHING HAPPENS

Pack it by the go-bags: board, its plug, keyboard (dongle inside it), spare card, quick-start card.