mob

Your AI.
Its own computer.

A pocket AI computer, designed to run
its own model and tools.
Operated by voice and an iPhone app.

Vaibhav Sharma
Concept and feasibility / September 2026

Industrial design concept

The work between apps and devices

You know what you want done.
You still assemble the context.

Find the right file. Reopen the source.
Move the context to the right tool.
Check what changed before taking action.

Hypothesis to test: a voice request with persistent, approved context can reduce this repeated effort.

A request you can speak.
A result you can inspect.

“Compare the vendor options in my project folder.
Check today’s documentation. Prepare a recommendation.”

MOB gathers approved context and uses its own tools.
The iPhone app shows the result, sources and actions.
You can approve the next step, change it or stop.

Illustrative workflow. This experience still needs to be demonstrated on integrated hardware.

One computer. Different kinds of work.

Research	Compare current sources and return a recommendation with links.
Client work	Use the Atlas project files to prepare a reply for review.
A connected computer	Run an approved repository test and report the actual result.

Examples define the scope of a pilot. They do not imply access to every application or device.

The AI and its workspace live in MOB

Inside the device

Local model and speech
Working memory
Browser and command runner

Across your devices

iPhone setup and review
Approved device adapters
Network access over Tailscale

Local inference is the design goal. Web and remote actions still use a network.

Architecture under validation. Bluetooth call assistance is a separate integration workstream.

Why carry MOB?

Its own runtime and working context.

Physical voice and stop controls.
A task that can continue while your phone does something else.

Industrial design concept

The test is repeated preference over a phone or desktop workflow, including the effort of carrying and charging another device.

Strong alternatives already exist

Alternative	Existing reason to choose it	MOB must demonstrate
Phone and AI apps	A device people already carry	Less effort across the full task
LM Studio	Local models, tools and compute	Useful continuity away from the desk
Rabbit ecosystem	Dedicated hardware and agent tasks	A meaningful benefit from local integration
MOB concept	Own computer, voice and iPhone control	Reliable use, preference and viable cost

Sources: LM Studio and Rabbit official product pages. Descriptions are not a comparative performance test.

Early users to learn from

Founders, builders and independent technical professionals.

People who move between research, files and tools, and can explain where their current workflow breaks.

Recruit around a recurring job. Let observed behavior determine which segment earns the first pilot.

Audience hypotheses. These segments and their willingness to pay still need customer research.

Demand before inventory

20 planned interviews

Document the last real task and its workaround.
Include cases where an app is enough.

Matched workflow tests

Proposed gates: 80% of drafts accepted with minor edits,
30% lower median active user time, and no unauthorized action.

The evidence the prototype must produce

Proof area	Required demonstration
Local intelligence	Speech, model and tools complete a recorded task on the board
Power and thermals	Measured idle, inference, mixed-use and charging behavior
User control	Scope, cancellation, revocation and approval tests
Connected devices	Published adapter matrix with real end-to-end results
Bluetooth calls	Full-duplex audio, echo control and human takeover

Current status: concept design and early source packages. Integrated hardware proof and customer revenue are absent.

A staged path to a pilot

Stage	Exit evidence
Discovery and app comparison	Recurring demand and preference for hardware
Bench prototype	Complete local task with measured performance
Integrated build	Fit, audio, power and device controls pass
20-person, four-week pilot	At least 12 complete three tasks in week four
Production readiness	Costs, design, yield and service plan validated

Targets are proposed. No calendar delivery date, production commitment or crowdfunding launch is promised.

A product first. A platform if use grows.

An initial device purchase

Price follows production quotes and customer willingness to pay.
Any recurring service needs ongoing value of its own.

Expansion through supported adapters

More useful workflows on the same personal computer,
added only after reliable execution and repeat use.

The founding team to assemble

Vaibhav Sharma

Founder / Kota, India
Product direction and early software development

Priority capabilities

Embedded Linux and local inference. Audio and iOS.
Electrical, mechanical and thermal engineering. Manufacturing quality.

Proposed pre-seed: $750k

Planning use	USD
Local software and iOS	$275k
Electronics, audio and mechanics	$175k
Validation and tooling	$125k
Pilot operations and launch	$75k
Contingency	$100k
Total	$750k

The round should establish:

A working prototype
Repeat use
A costed production plan

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Seeking a lead investor for a 20-minute review of these milestones. Terms remain to be determined.

Physical design targets

112 × 72 × 26 mm

Target enclosure, subject to integration

Voice controls and a physical stop
Stowed, serviceable USB-C lead
Magnetic mounting and Qi input

Concept only. Battery, cooling, antennas, acoustic volume and assembly clearances determine the final dimensions.

Published parts. An unproven assembly.

Candidate	Dimensions	Integration question
Open-Q 8550CS SOM	54 × 45 × 3.61 mm	BSP, model support and price
Microchip BM83	32 × 15 × 2.5 mm	Call routing and echo control
IM69D128S microphone	3.5 × 2.65 × 1 mm	Acoustic path and noise
Adafruit 3923 speaker	30 × 20 × 5 mm	Amplifier and acoustic volume
7 Ah / 3.7 V battery target	90 × 60 × 12 mm target	Select and qualify a real pack

Production choice remains open. Component dimensions do not prove system fit, runtime or viable consumer pricing.

Half-day use is a power target

25.9 Wh

Nominal battery allocation

≤ 1.83 W

Average required for a 12-hour target*

At a continuous 6 W load: about 3.7 hours.*
USB-C supports sustained use. Web tasks need Wi-Fi or a hotspot.

*Assumes 85% usable energy. Calculations, not measured runtime. Qi input and magnetic mounting remain design targets.

Sources and launch conditions

Engineering and alternatives

Lantronix Open-Q 8550CS

Microchip BM83

Infineon IM69D128S

Adafruit speaker

Texas Instruments Qi receiver

Tailscale SSH

LM Studio

Rabbit intern

Before crowdfunding

A working prototype and real footage.
A validated production plan.
Eligible creator, entity and banking.
Clear delivery and service economics.

Kickstarter hardware rules

All imagery shows the intended product. Exact source links and engineering qualifications appear in slide notes.