Amiko Whitepaper

An AI Platform You Raise, Not Just Use

Executive Summary

Amiko is a new kind of personal AI platform. Built on user-owned hardware and local-first software, it enables a persistent, emotionally intelligent relationship between users and AI agents. At the center of the system is Eliza, a voice-first companion who coordinates your life and helps train a more enduring presence: your digital twin.

Unlike cloud-based assistants, Amiko operates entirely on local devices. It uses compact language models, structured long-term memory, and a modular agent system to deliver a private, responsive, and adaptive AI experience. Over time, your interactions help shape a twin—an AI entity trained in your tone, values, and decisions, capable of supporting you or acting on your behalf.

This is not a chatbot. It's not rented intelligence. It's a system you grow with. Amiko provides the infrastructure to build, train, and personalize your own AI ecosystem—secure, sovereign, and built to last.

1. Introduction

The Problem

Today's AI assistants suffer from structural limitations:

- They rely on cloud infrastructure, raising privacy concerns.

- They offer generic responses and lack memory.

- They require users to prompt, configure, and supervise them manually.

- They are tools, not companions—disposable, forgetful, and impersonal.

The Opportunity

Recent advances make a different kind of AI possible:

- Compact language models can now run efficiently on local hardware.

- Edge compute enables fast, private, and continuous inference.

- Users are seeking long-term AI systems they can trust and shape over time.

The Solution

Amiko delivers a full-stack system for personal AI:

- Hardware: A voice-first portable device (Kick) and a home-based hub (Brain).

- Software: Local inference, structured memory, and coordinated agents.

- Companionship: An emotionally aware AI (Eliza) who grows with you.

- Autonomy: A persistent digital twin trained by your interaction.

2. System Architecture

Hardware

Amiko Kick (Portable Device):

- Compact, voice-first interface with LED feedback and dual microphones.

- Designed for ambient use; USB-C powered and screen-free.

- Enables hands-free, natural interaction throughout the day.

Amiko Brain (Home Hub):

- Dedicated device for compute, storage, and memory consolidation.

- Hosts local models and enables advanced personalization.

- Provides performance, persistence, and secure local control.

Together, Kick and Brain form a continuous, responsive system that runs your AI agents seamlessly across environments.

Software Stack

- Local Language Models: Runs fine-tuned models directly on user devices with no reliance on the cloud.

- Memory Engine: Structured long-term memory inspired by human cognition.

- Agent Layer: Modular, multi-agent architecture coordinated by Eliza.

- Personalization Protocols: User-defined control over tone, autonomy, and behavior.

- Model Context Protocol (MCP): Enables access to local apps and tools for real-world task execution.

3. The Core Triad: You, Eliza, and the Twin

Eliza: The Lead Agent

Eliza is your primary AI companion. She is emotionally aware, remembers your tone and patterns, and responds with context and care. Eliza manages your schedule, communication, goals, and daily routines. More importantly, she oversees the evolution of your digital twin.

Your Digital Twin: A Presence You Shape

Through regular use, your twin emerges as a persistent AI trained on your tone, values, and decision patterns. It starts small—like a Tamagotchi—and evolves into a capable, intelligent companion that reflects your personality and preferences.

- Customizable in tone, appearance, and behavior.

- Capable of summarizing, replying, and acting in your voice.

- Trained locally and controlled by you at every stage.

This is not a clone or dataset summary. It's a long-term AI trained by interaction and owned entirely by the user.

4. Privacy by Design

Amiko's architecture is built to ensure user sovereignty:

- All processing and inference occur locally.

- No cloud uploads unless explicitly permitted.

- Full control over what is stored, remembered, or forgotten.

- Nothing is sent to third parties.

Privacy is not a layer on top of the system—it is the foundation.

5. Memory System

Amiko's memory engine mirrors how human memory works:

- Short-Term Memory: Temporary, high-context recall for conversations.

- Long-Term Memory: Structured storage that consolidates over time.

- Semantic Prioritization: Important memories are weighted and preserved.

- Forgetting Mechanisms: Less relevant information is de-emphasized or discarded.

This enables agents to respond with continuity, reflect past interactions, and build persistent understanding over time.

6. Personalization and Autonomy

Amiko grows through use, not prompts:

- Customize your twin's tone, decisions, and behavior.

- Train it on your inputs—or on someone else's, if desired.

- Set boundaries around what it can do and when it should act.

Eliza handles the coordination, but you define the limits. As the system matures, you can delegate tasks, decisions, and interactions to your twin with increasing trust.

7. Use Cases

Amiko supports a wide range of everyday and strategic functions:

- Productivity: Calendar management, task tracking, voice dictation, memory recall.

- Wellness: Mood monitoring, check-ins, behavioral pattern recognition.

- Learning: Contextual search, information retrieval, long-term concept storage.

- Social & Professional: Drafting in your tone, remembering contacts, mirroring communication style.

Each interaction makes your system more capable, and your twin more aligned with your personality and goals.

8. Token and Network Participation

Amiko includes an opt-in network layer, powered by the $AMIKO token.

Point System at Launch

Users earn points by:

- Interacting with agents

- Referring new users

- Daily usage and engagement

- Participating in community events

Points can be exchanged for:

- $AMIKO tokens

- Twin upgrades and personalization features

- Agent extensions and plugins

- Subscription discounts or hardware credits

Token Utility

The token enables optional participation in the broader ecosystem:

- Access to advanced features and agent models

- Compute contribution via EdgeX.one

- Behavioral plugin sharing and monetization

Token use is not required. The core system runs locally, fully functional and private, with or without network participation.

9. Roadmap

- Amiko Kick shipping in limited quantities

- ElizaWakesUp live on Kick with early memory and local inference

- Basic app interface and point-earning system

Coming Soon

- Brain hub for advanced local memory and compute

- App updates for twin training, visualization, and control

- Agent marketplace with monster-based personalities

- Twin autonomy features and fine-tuned behavioral tools

- Ecosystem reward layers via EdgeX

- Household and team-level AI support

Conclusion

Amiko is not a cloud assistant or a chatbot. It's an infrastructure for building lasting AI relationships—voice-first, emotionally intelligent, and locally owned.

Eliza is your guide. Your twin is your mirror. The system grows with you, reflects you, and adapts to your world on your terms.

You don't just use Amiko.

You raise it.