OpenPulse — Developer Preview

Page 1: Introduction

OpenPulse - the open-weight AI model

 Feel the pulse of human thought - adaptive, open, transparent.

OpenPulse is made for:
- Developers, researchers, and creators
- Real-world testing
- Fine-tuning and product integration

Model features:
- Modifiable & customizable
- Comes with docs & examples
- Built in collaboration with the community

"Everything you feel is already in the model. Connect to the pulse."
#OpenPulse #openweights #AIcommunity

Page 2: Architecture & Use Cases

Architecture:
- Transformer-based core
- Multi-layer attention + memory routing
- Open tokenizer (BPE/Unigram hybrid)
- Quantized formats: 4bit, 8bit, FP16
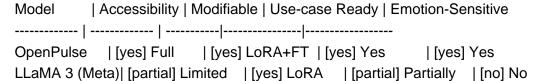- Modular LoRA adaptation system

Built-in capabilities:
- Fine-tuning support (QLoRA, PEFT)
- Optional STT & TTS modules
- Emotion presets & communication styles
- Hugging Face, llama.cpp, TGI compatible

Use cases:
- Emotional AI companions
- Education & mentorship
- Musical/creative assistants
- Business chatbots
- Agent systems with voice & data access

Page 3: Comparison with Other Open Models

Model	Accessibility	Modifiable	Use-case Ready	Emotion-Sensitive
OpenPulse	[yes] Full	[yes] LoRA+FT	[yes] Yes	[yes] Yes
LLaMA 3 (Meta)	[partial] Limited	[yes] LoRA	[partial] Partially	[no] No

Mistral	[yes] Full	[partial] Partial	[yes] Yes	[no] No
Gemma (Google)	[yes] Sources	[partial] Limited	[partial] Partially	[no] No
Falcon (TII)	[yes] Sources	[yes] Yes	[partial] Limited	[no] No

Note: Based on data as of April–May 2025.

Page 4: Roadmap

May 2025 – Wishlist Release
- Community discussions
- Finalizing requirements

June 2025 – Core Testing
- Alpha launch for selected teams
- Adaptation, fine-tuning, LoRA validation

July 2025 – Weight Release
- GGUF + Hugging Face deployment
- Documentation, examples, integrations

August 2025 – Community Launch
- Modifications, plugins, experiments
- First wave of emotional + voice assistants

Page 5: Mission & Philosophy

OpenPulse is more than a model.
It's the rhythm of an open future - where AI hears, feels, and connects.

Our mission:
- Democratize access to advanced AI
- Make models personal, human-like
- Inspire mindful AI systems

We believe:
- Openness = accelerated progress
- Emotion & voice = key to understanding
- True AI should serve, not control

"The open pulse of AI is the heartbeat of humanity, encoded together."