Sovereign AI cannot outsource its soul.

Training data should never leave your hardware.

The cloud dependency trap

Shipping training data to remote servers creates strategic vulnerabilities. It exposes sensitive information to interception and compliance risks.

Training at the edge

Hardware with 275 TOPS of compute power can now handle fine tuning. This turns a single module into a self contained laboratory.

Faster model adaptation

A 7B-parameter model can be adapted in roughly 10 hours. Benchmark scores improved from 60/100 to 80/100.

Closing the feedback loop

On device training removes latency. Models evolve in real time without waiting for cloud retraining cycles.

Autonomy requires self sufficiency

True sovereign AI is defined by the ability to learn and act independently within its own physical boundaries.

The full breakdown is on the blog.

Link in the first comment.