

SmartTV.ai

- Turning your living room into an edge data center.

Problem

- Cloud compute is expensive.
- Billions of consumer devices are idle.
- Your sitcom reruns aren't using all the CPU cycles.

Solution

- One HTML file.
- - No install
- - No servers
- - No accounts
- - Just open it on your smart TV's browser
- - Boom — it's a compute node

How It Works

- 1. Coordinator sends jobs over encrypted WebRTC data channel
- 2. TV executes in-browser (JS or WASM)
- 3. Results returned, sitcom continues uninterrupted

Market Opportunity

- • 1.3B smart TVs worldwide
- • Average 4–8 hours/day powered on
- • Untapped teraflops just sitting there watching Netflix

Use Cases

- - ML model fine-tuning while you watch Seinfeld
- - Citizen science during Super Bowl commercials
- - Corporate lobby TVs contributing to protein folding research

Competitive Advantage

- - No infra, no ops, no maintenance
- - 100% BYOHW (Bring Your Own Hardware)
- - Decentralized, permissionless onboarding
- - Edge compute = low latency, high privacy

Security

- - Browser sandbox isolation
- - Optional task signing (Ed25519)
- - No persistent storage, no data retention

Business Model

- • 'Compute-as-a-Sitcom' pricing
- • Sell your unused TV cycles during off-peak hours
- • Partnerships with content providers for subsidized viewing

Call to Action

- Your TV is already smart.
- Let's make it productive.
- Demo: [\[link to repo\]](#)