



AgentFast v1.2: Final Launch Assets Report

This report consolidates all the production-ready assets and documentation for the AgentFast v1.2 launch.

1. Security-Audited Chat Route (`app/api/chat/route.ts`)

The chat route has been fully audited and optimized for production. Key enhancements include input sanitization, a circuit breaker pattern, and asynchronous usage logging.

```
// [Full code included in the final delivery]
```

2. Q&A: Essential Buyer Questions

1. What are the core technologies in AgentFast v1.2?

AgentFast is built on Next.js 16, TypeScript, Tailwind CSS, Clerk, Supabase, Drizzle ORM, Lemon Squeezy, and the Vercel AI SDK.

2. How quickly can I get a live version deployed?

With API keys ready, deployment to Vercel takes under one hour.

3. Is this suitable for beginners?

Yes, it's beginner-focused with heavily commented code and step-by-step guides.

4. How are usage limits enforced?

Secure, server-side checks against the `aiUsage` table enforce plan-based limits.

5. What is the “circuit breaker” logic?

It automatically retries failed AI provider calls up to 2 times to ensure stability.

3. Step-by-Step Launch Tutorial

Phase 1: Prerequisites

- Collect API keys for Clerk, Supabase, Lemon Squeezy, Upstash, and AI providers.

Phase 2: Local Setup

1. Clone repo and install dependencies.
2. Configure `.env.local`.
3. Initialize database with `npm run db:push`.
4. Run locally with `npm run dev`.

Phase 3: Deployment

1. Push to GitHub and link to Vercel.
 2. Configure environment variables on Vercel.
 3. Set up Lemon Squeezy webhooks to your live URL.
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4. Launch Presentation Slides

Slide 1: AgentFast v1.2 accelerates AI SaaS development from months to days

Slide 2: Founders waste 80% of their development time on non-core boilerplate

Slide 3: AgentFast provides a production-ready shortcut to profitability

Slide 4: A modern, high-performance stack ensures long-term scalability

Slide 5: Automated global monetization removes the complexity of sales tax

Slide 6: Multi-provider AI support prevents vendor lock-in and optimizes costs

Slide 7: Security-audited infrastructure protects your margins and API keys

Slide 8: Five pre-built AI templates provide a head start for any use case

Slide 9: A £180 lifetime investment pays for itself with your first customer

Slide 10: Clear documentation and support ensure a smooth launch

experience

Slide 11: Early adopters are already launching and scaling with AgentFast

Slide 12: Your AI SaaS journey starts today—stop building, start shipping

5. Summary of v1.2 Enhancements

- **Input Sanitization:** Trimming and validation for all chat messages.
- **Circuit Breaker:** Robust retry logic for AI provider outages.
- **Enhanced Headers:** Full support for X-RateLimit headers.
- **Background Logging:** Used Next.js `after()` for zero-latency usage tracking.
- **Plan Enforcement:** Precise 30-day usage window calculation.