

TECHNICAL HOSTING REQUIREMENTS - AIPI

Technical Documentation for Clients

CRITICAL WARNING:

AIPI AI widgets require specific hosting resources to function properly.

Not all hosting plans are compatible.

85% of performance issues are due to inadequate hosting.

DOCUMENTED INCOMPATIBILITY CASES:

HostGator - Shared Plans (INCOMPATIBLE)

- Personal Plan: 25% CPU max, 30s timeout -> CONFIRMED FREEZING
- Business Plan: SAME limitations as Personal -> NO performance improvement
- Baby Plan: Identical restrictions -> GUARANTEED PROBLEMS

Identified Symptoms:

1. Freezing during registration from mobile devices
2. Messaging timeouts >30 seconds
3. Automatic CPU throttling when widget operates
4. Slow responses in AI operations
5. Intermittent failures during high load periods

MINIMUM TECHNICAL REQUIREMENTS:

CPU: No 25% limit (access equivalent to 1 core)

RAM: 1GB available (hosting that doesn't exceed memory)

PHP: 8.0+ (120s timeout minimum)

Database: MySQL 5.7+ or PostgreSQL 12+ (unlimited connections)

SSL: Valid certificate (Let's Encrypt acceptable)

Architecture: Not Apache LAMP (LiteSpeed/NGINX preferred)

Storage: SSD recommended (HDD acceptable)

Bandwidth: 10GB/month minimum (for embedded widgets)

RECOMMENDED PROVIDERS:

Low Budget (\$3-5/month):

- ChemiCloud Starter - ~25k visits/month
- SiteGround StartUp - ~10k visits/month
- A2 Hosting Lite - Shared resources

Medium Budget (\$10-30/month):

- Cloudways Vultr - 1 core / 1GB dedicated
- Kinsta Starter - Up to 25k visits/month
- WP Engine Personal - Up to 25k visits/month

COMPATIBILITY VERIFICATION:

Before implementing AIPI:

1. Verify your hosting does NOT have 25% CPU limit
2. Confirm PHP timeout >= 120 seconds
3. Validate LiteSpeed/NGINX architecture (not Apache LAMP)
4. Ensure active valid SSL
5. Review available RAM memory limits

IMPORTANT: Shared hosting plans do not guarantee specific CPU/RAM.