

AIPPS - TECHNICAL HOSTING REQUIREMENTS

Complete Technical Documentation v2.5

CRITICAL COMPATIBILITY WARNING

AIPPS AI widgets require specific hosting resources to function properly.

&p IMPORTANT: 85% of performance issues are due to inadequate hosting.

DOCUMENTED INCOMPATIBILITY CASES

HostGator - Shared Plans (ALL INCOMPATIBLE):

- Personal Plan: 25% CPU max, 30s timeout!' Confirmed freezing
- Business Plan: SAME limitations!' NO performance improvement
- Baby Plan: Identical restrictions!' Guaranteed problems

3. TECHNICAL SPECIFICATIONS BY LEVELS

3.1 MINIMUM REQUIREMENTS (Basic functionality)

CPU: 1 dedicated core, no 25% limit

RAM: 1GB dedicated minimum

PHP: Version 8.0+, timeout 120s minimum

Database: MySQL 5.7+ or PostgreSQL 12+

SSL: Valid certificate mandatory

Architecture: Not traditional LAMP (Apache)

3.2 RECOMMENDED REQUIREMENTS (Optimal performance)

CPU: 2 dedicated cores

RAM: 2GB dedicated

PHP: Version 8.1+, unlimited timeout

Storage: SSD with caching enabled

Architecture: LiteSpeed or NGINX

CDN: Cloudflare or similar

3.3 ENTERPRISE REQUIREMENTS (High traffic)

CPU: 4+ dedicated cores

RAM: 4GB+ dedicated

PHP: Latest stable version

Scalability: Auto-scaling available

Monitoring: Performance tools included

4. PROVIDER COMPATIBILITY MATRIX

4.1 Non-Compatible Hosting (Blacklist)

- HostGator Personal/Business Plans

- GoDaddy Basic Shared
- Bluehost Basic Shared
- NameCheap Basic Shared

4.2 Compatible Hosting by Category

LOW BUDGET (\$3-5/month):

- ChemiCloud Starter
- SiteGround StartUp
- A2 Hosting Lite

MEDIUM BUDGET (\$10-15/month):

- Cloudways Vultr
- Kinsta Starter
- WP Engine Personal

ENTERPRISE BUDGET (\$20+/month):

- Cloudways High Frequency
- Kinsta Business
- WP Engine Professional

5. TECHNICAL VERIFICATION TOOLS

5.1 Pre-Implementation Verification Checklist

- & CPU Test: Is there a 25% limit?
- & Timeout Test: Is PHP timeout 30s?
- & Process Test: Maximum 25 simultaneous processes?
- & Architecture Test: Using Apache LAMP?
- & SSL Test: Valid SSL certificate?

5.2 Automated Testing Scripts

- PHP script to verify timeout limits
- Script to measure API response speed
- Basic load test for embedded widgets

5.3 Diagnostic Tools

- URL for online compatibility test
- WordPress diagnostic plugin (if applicable)
- Results interpretation guide

6. OPTIMIZATION GUIDES BY SCENARIO

6.1 Client with Incompatible Hosting

Option A: Migration to recommended hosting

Option B: Emergency optimizations (Cloudflare + caching)

Option C: Current plan upgrade (if available)

6.2 Client with Marginal Hosting

- Cloudflare CDN implementation
- Caching plugins configuration
- PHP version update
- Post-implementation performance monitoring

6.3 Client with Optimal Hosting

- Advanced performance configuration
- Proactive monitoring implementation
- High-traffic specific optimizations

7. TECHNICAL SUPPORT SERVICES

7.1 Free Pre-Sale Evaluation

- Current hosting analysis (15 min)
- Detailed compatibility report
- Specific recommendations

7.2 Migration Services

Basic (\$50): Migration + basic configuration

Premium (\$100): Migration + complete optimization

Enterprise (\$200): Migration + advanced config + 30-day support

7.3 Post-Implementation Support

- 7-day performance monitoring
- Optimization adjustments if necessary
- Specific configuration documentation

IMPORTANT DISCLAIMER

Shared hosting plans do NOT guarantee specific CPU/RAM allocations.

Specifications shown are approximate limits based on real testing.

Technical support: support@aipps.ca | Website: <https://aipps.ca/>