



User Guide

Compatibility: Prestashop v1.7.x – v9.x.x

For Module Version: 1.0.0



Intended Audience

The content of this document is designed to facilitate the users -managers, supervisors and others of **AI Sematic Search Module**. A step-by-step instruction has been added to this document to help users to install the module on PrestaShop.

As a safe practice always, backup your files and database before installing any module on PrestaShop. If you are looking for someone to install the module, we can do it for you as well. Just go to the support section share the order id to expedite the installation process.

Once you have installed, please see the User Guide to help you understand on how to use the module to its full capacity. If you still have questions feel free to contact us on the support platform where you bought this module.

If you have any custom requirements feel free to touch base with us.



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Getting Started!

Overview

The AI Semantic Search Engine enhances your PrestaShop store search by using AI embeddings instead of basic keyword matching. It understands search intent, supports natural language queries, and delivers highly relevant product and variant-level results.

Compatible with: PrestaShop 1.7 to 9.x



Installation Instructions

1. Go to Modules → Modules Manager → Click Upload a Module → Browse for Downloaded Module ZIP file and click Upload this module.
2. Click Proceed with Installation.
3. Make sure Cache is disabled in Advance Parameters → Performance.
4. Go to Modules → Modules Manager → AI Sematic Search to Configure the module



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Module Configuration:

After installing the module go to Module > Module Manager > AI Image Generator Module. Here you will see all the configuration for your module.

AI Search Configuration

*** API Key**
Required for generating AI embeddings. Get from OpenAI dashboard.

Embedding Model
Small = cheap & fast. Large = more accurate result matching.

Max Token Size
Limits product text length for embeddings. Leave empty for default.

Auto Index New Products No
Automatically generate AI vector when a product is created or updated.

Index Product Combinations Yes
Enable embedding for each size/color variation. Increases DB usage.

Enable AJAX search Yes
If enabled, search results load dynamically while typing (no full page reload). Note: on very large catalogs this can feel slower and may increase server/API load.

Enable real-time product sync Enabled
If enabled, product and combination changes are immediately added to the semantic index queue. If disabled, indexing will only happen via cron or manual reindex.

Batch Size (Cron Processing)
How many products are indexed per cron execution. Recommended = 10-50

Minimum Match Score (0-1)
Higher value = more accurate but less results. Example: 0.65

Max Result Count
Number of search products to display. Example: 10

Frontend design
Choose how the semantic search block should look on the storefront.

Enable Display in Top Hook Yes
Enable or disable displaying the semantic search block in the header (displayTop hook).

Enable Match Bar on Front Office Yes
Displays the match relevance bar in the front-office search results.

Use Title Yes
Include product name in semantic vector.

Use Short Description Yes
Improves meaning detection (recommended).

Use Long Description No
Helps for detailed search queries.

Include Attributes (size/color) Yes
Recommended for clothing, shoes, options.

Include Category Names Yes
Useful when user searches by type like "shoes / protein / vitamin."

Include Price Yes
Used for searches like "under 20 USD."

Include Tags / Keywords No
Very useful if store uses meta-tags properly.

Allowed Languages for Embeddings English (English)
Choose which languages to index. Unchecked = ignored.

Enable Cron Processor Yes
Turns on queue-based background indexing.

Cron Interval (minutes)
Recommended = 5-15 min for medium catalog.

Max Retry Attempts
Stops reprocessing on repeated failures.

API Key: Enter your Chat GPT API key here



Note: You need paid APIs.

Chatgpt: Click [here](#)

How to generate embeddings:

Step1: Once you have successfully added your api key, next step is to generate embeddings. Two links are provided on the module configuration page. You need to run each link respectively.

Cron URLs (copy/paste)

Cron Scan:
[https://aisemanticsearchengine.bestprestashopmodules.net/module/fmsemanticsearch/cronScan?secure_key=\[input\]](https://aisemanticsearchengine.bestprestashopmodules.net/module/fmsemanticsearch/cronScan?secure_key=[input])
This checks which products/combinations are missing embeddings and adds them to the queue.

Cron Process:
[https://aisemanticsearchengine.bestprestashopmodules.net/module/fmsemanticsearch/cronProcess?secure_key=\[input\]](https://aisemanticsearchengine.bestprestashopmodules.net/module/fmsemanticsearch/cronProcess?secure_key=[input])
This reads pending queue rows and generates embeddings. It marks items as done or error based on retries.

Step2: After you run both links, come back to module configuration page and check how many products have been submitted and how many are left. If there are products pending then you need to rerun the second link again.

Indexing Queue Status

i Pending 0	⚠ Processing 0	✔ Completed 39	! Errors 0
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Step3: It is recommended that you put both links into the cron job, so that indexing is done automatically.

Module configurations:

- **Embedding Model:** Choose between small (faster & cheaper) or larger models (more accurate)
- **Max Token Size:** Controls how much product data is used per embedding
- **Auto Index New Products:** Automatically index newly added products
- **Index Product Combinations:** Enable AI embeddings for variants (size, color, etc.)
- **Real-time Product Sync:** Instantly sync changes without re-running cron
- **Enable AJAX Search:** Live search while typing
- **Minimum Match Score:** Controls result accuracy (higher = stricter results)
- **Max Result Count:** Limits number of displayed results
- **Match Bar on Front Office:** Shows relevance indicator to user
- **Frontend Design:** Select search layout
- **Enable Display in Top Hook:** Show AI search in header
- **Search Page URL:** Dedicated AI-powered search results page

- You can decide what information is included in AI embeddings:
 - Product title
 - Short description
 - Long description (optional)
 - Attributes (size, color, etc.)
 - Categories

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- Price
- Tags / keywords (optional)

- Select **allowed languages** for AI embedding generation
- Only selected languages are indexed
- Supports multilingual storefronts seamlessly
- **Enable Cron Processor:** Required for background indexing
- **Cron Interval:** Recommended 5–15 minutes
- **Batch Size:** Number of products processed per run
- **Max Retry Attempts:** Prevents infinite reprocessing on failures



Disclaimer

It is highly recommended to backup your server files and database before installing this module.

No responsibility will be taken for any adverse effects occurring during installation.

It is recommended you install on a test server initially to carry out your own testing.

Support

If you need more information or have any questions or problems, please refer to our support helpdesk:

You can log a ticket and a support technician can assist you further.

Customization

If you have requirements that are not covered by our module and you need to have our module customized, feel free to contact us through support helpdesk.