Super simple cache — User Guide

Zero-dependency compressed file Full Page Cache (FPC) with automatic tag invalidation, automatic cache warm-up on clear, on-demand URL refresh, and optional Turbo Early mode for PrestaShop 9.2+.

1. Architecture & Core Behavior

`Super simple cache` (`supersimplecache`) stores pre-compressed (`gzip`) HTML responses for anonymous visitors in `var/fpc/` and serves them either via native PrestaShop hooks (Standard mode) or before the Symfony kernel and database initialize via `.user.ini` (Turbo Early mode, ~10 ms TTFB).

Automatic Cache Warm-up & Storefront Privacy Guarantees

Whenever the page cache is cleared or invalidated, the module automatically discovers all eligible public pages (homepages, categories, products, CMS, and blog/landing pages across active languages) and pre-warms missing cache entries in the background. Logged-in customers and visitors with non-empty carts always bypass the cache via the HMAC-signed `ssc_fpc_ctx` cookie.

2. Back-Office Navigation & Settings

Open configuration under `nalezny.cz > Super simple cache` in the Back Office sidebar or via `Modules > Module Manager > Super simple cache > Configure` .

Setting	Key / Default	Behavior
Enable Full Page Cache	`enabled` (`true`)	Master switch for serving and capturing compressed HTML pages in `var/fpc/` .
Automatically warm up cache on clear	`auto_warmup` (`true`)	Automatically pre-caches all eligible shop pages across active languages after cache clear or invalidation.
Cache lifetime (seconds)	`ttl` (`3600`)	Time-to-live (60–604800 s) in addition to automatic event-based tag invalidation.
Max cached HTML size (KB)	`max_payload_bytes` (`1024 KB`)	Skips oversized HTML responses above the configured threshold (64–5120 KB).
Disk space limit (MB)	`file_max_mb` (`256 MB`)	Quota for `var/fpc/` before automatic pruning of expired and oldest entries (64–4096 MB).
Vary cache by country	`include_country` (`false`)	Separates cache keys by country ID when anonymous prices/taxes vary per country.
Send X-SuperSimpleCache-FPC header	`debug_headers` (`true`)	Outputs `HIT-EARLY` , `HIT` , `MISS` , `REFRESH` , or `BYPASS` header for diagnostics.
Enable cache refresh via URL (?nocache)	`url_refresh_enabled` (`true`)	Master security switch allowing or disabling URL-based cache refresh via `?nocache` / `?nocache=all` .
Allowed IP addresses for ?nocache	`url_refresh_ips` (`[]`)	Optional IPv4/IPv6/CIDR whitelist. Empty allows only admins with a signed `ssc_fpc_admin` BO cookie.
Cacheable controller whitelist	`whitelist_controllers`	Allowed front controllers (`index` , `category` , `product` , `cms` , `simplecms` , `landingpage` , etc.).
Ignored tracking parameters	`ignored_params`	Strips marketing parameters (`utm_*` , `fbclid` , `gclid` , etc.) before computing the cache key.

3. Automatic Cache Warm-up, Invalidation & URL Refresh

- **Automatic warm-up on clear:** Clicking *Clear page cache* in the Back Office (which also resets hit/miss counters), clearing PrestaShop's global cache (`actionClearCache`), or running `supersimplecache:clear` increments the cache generation and pre-warms eligible public URLs—including default product combinations—across all active languages. Internal warm-up requests do not inflate `Misses` .
- **Smart skip & noise-free invalidation:** Before making an HTTP request, `FpcWarmer` checks whether the page hash already exists in the current generation. Background Back Office `Configuration` updates (such as `PS_ACCOUNTS_*` or `*_CACHE`) never flush the storefront cache unnecessarily.
- **On-demand warm-up button:** Use the *Warm up cache now* button in Back Office configuration at any time to verify and fill all eligible pages.
- **Authorized URL Cache Refresh (`?nocache` , `?nocache=all`):** Appending `?nocache` (or `?nocache=1` , `?ssc_nocache=1` , `?ssc_refresh=1` , `?clear_cache=1` , `?refresh_cache=1`) deletes the cached entry, strips the parameter before controller execution, renders fresh HTML, and re-caches it (`X-SuperSimpleCache-FPC: REFRESH`); `?nocache=all` flushes the whole shop cache.
- **Anti-DoS Access Control:** URL cache refresh requires either an active signed Back Office cookie (`ssc_fpc_admin` , refreshed automatically in the BO) or a matching IP/CIDR in `url_refresh_ips` , and can be switched off globally via `url_refresh_enabled` . Unauthorized visitors receive the cached `HIT-EARLY` / `HIT` page without purging cache.

4. Turbo Early Mode & CLI Commands

1. **Enable Turbo Early mode (optional):** Click *Enable Turbo Early mode in .user.ini* in the module configuration panel to activate `auto_prepend_file` for ~10 ms server TTFB.
2. **Inspect status via CLI:** Check hit rate, disk usage, generation, and last warm-up result from the terminal.
3. **Clear or warm up via CLI:** Flush all pages (or specific tags) and run automatic or manual warm-up from the command line or cron.

PrestaShop CLI Commands

```
php bin/console supersimplecache:status
php bin/console supersimplecache:warmup
php bin/console supersimplecache:clear
php bin/console supersimplecache:clear --tag=product:12 --tag=home
```