

# **SUPER SPEED**

# Everything you need to maximize your website's speed, minimize page loading time, and utilize server resource

A product of PrestaHero

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#### I. WELCOME

Thank you for purchasing our product. We hope to guide you through all the aspects of the module installation and the module setup within this document. If you have any questions beyond this documentation's scope, please feel free to contact us.

#### <u>\*Note:</u>

All instruction screenshots are taken from PrestaShop 1.7, but installing and configuring this module on PrestaShop 1.6 is similar.

## II. INTRODUCTION

There is a fact that online stores with a hyper loading speed make more money. Your potential customers can truly get disappointed if they have to wait more than 4 seconds for your web page to fully display. And we're not done yet! Slow page speed will terribly affect SEO ranking of your website on search engines such as Google, Bing, Yahoo, etc. This reduces the visibility of your website to potential customers thus negatively affects your brand's reputation and revenue.

PrestaShop does provide cache optimization settings, but it's not sufficient and quite complicated for new PrestaShop users. That's why we make **Super Speed**, an *all-in-one speed optimization tool* to maximize PrestaShop speed and utilize server resource. Innovative *cache solutions, image and database optimization, HTML/CSS/JavaScript minification* and *GZIP* are all included for an instant load of your site. **Super Speed** guarantees to make your website faster than ever with just one click of your computer mouse!

\* "Super Speed" is compatible with PrestaShop 1.6.x, 1.7.x and PrestaShop 8.0.x

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## III. INSTALLATION

- Navigate to "Modules / Modules & Services", click on "Upload a module / Select file"
- Select the module file "ets\_superspeed.zip" from your computer then click on "Open" to install
- Click on "Configure" button of the module you just installed to open the module's configuration page
- 4. Optimizing your website with "**Auto configuration**" feature:

Step 1: Navigate to the module Dashboard

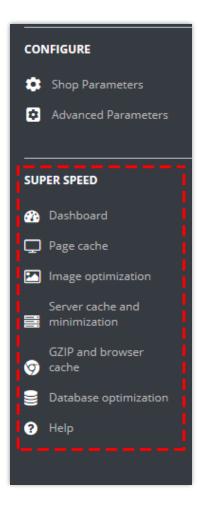
Step 2: On "Speed optimization check list" section > Click on "Auto configuration"
button

**Step 3**: On the auto-configuration pop-up, we recommend you turn on all optimization options, but you may select your preferred ones. When you finish selecting, please click **"Run auto configuration**" button.

AUTO CONFIGURATION		
Smarty Cache	*	
Server Cache	Auto configuration	
Minify HTML On	01	
Minify Javascript	Ue are setting everything up for you, please wait	
Minify CSS On	✓ Smarty Cache	
Page cache	Imago 🖌 Verver Cache	
Browser cache and Gzip	🛩 Minify HTML	On
	✓ Minify Javascript	On
Optimize newly uploaded images	✓ Minify CSS	On
Optimize existing images	✓ Page cache	On .
iso unoptimized images	<ul> <li>Browser cache and Gzip</li> </ul>	On
× Cancel × Run auto configuration	<ul> <li>Optimize newly uploaded images</li> </ul>	On
	<ul> <li>Optimize existing images Optimizing 135 images: 148% (2 images)</li> </ul>	On
Optimize existing images		On
135 unoptimized images	Optimized         Unoptimized         Optimize avisting images           100% (135 images)         0%         25 images optimized Save 488.5688 (38.498)	On
X Auto configuration X Disable all caches	X Avte configuration X biseble of caches	E Clear all caches
Clear all caches		

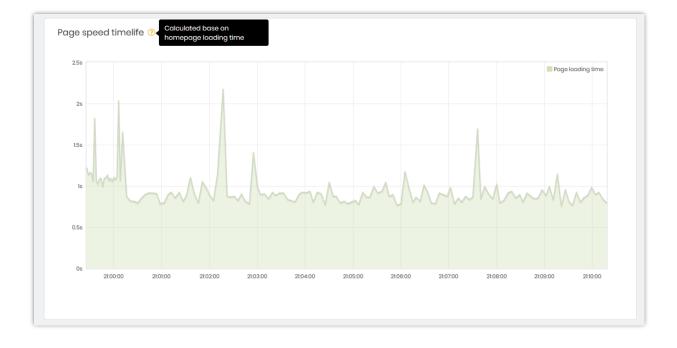
Quick access: You can also navigate to Super Speed's configuration page through the

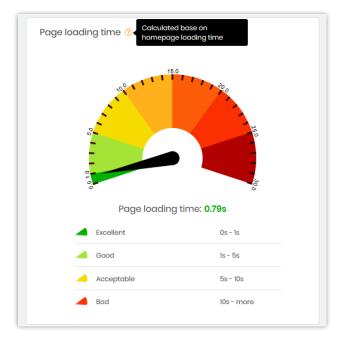
quick access menu.



## IV. DASHBOARD

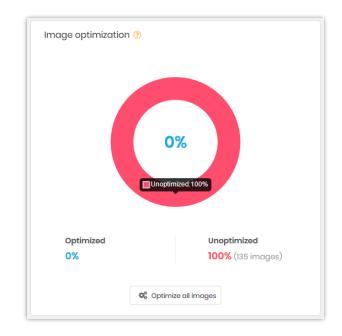
From **Dashboard**, you can see the page loading speed graphs including **page speed time life** and **page loading time speedometer**. Their data are calculated based on your homepage loading speed.





**Image optimization status**: On module Dashboard, you will find a chart which describes the percentage of optimized images and unoptimized images.

You can click on "**Optimize all images**" button to optimize standard PrestaShop images such as product images, category images, manufacturer images, etc. (not including theme images and custom module images).



**Speed optimization check list**: Make sure you turn on all speed optimization features to maximize your website speed. You can run "**Auto configuration**" to quickly set everything up within 1 click.

Speed optimization check list 🧿	
• Smarty Cache	On
Server Cache	On
Minify HTML	Off
Minify Javascript	Off
Minify CSS	Off
• Page cache	Off
Browser cache	Off
Gzip cache	Off
<ul> <li>Optimize newly uploaded images</li> </ul>	Off
Optimize existing images     135 unoptimized images	Off
X Auto configuration X Disable all caches	aches

**System analytics**: Extra check points to make sure fastest speed for front office.

System Analytics 🜖			2 Refresh
Check point		Current data	Status
Number of module hooks time greater than 1000 ms		0	Good
Home slider images		3	Good
Popular products		8	Good
Products per page on cate	egory page	12	Good
Number of images on hor	ne page	-	-
Number of CSS files (home	e page)	1	Good
Number of JavaScript files	(home page)	1	Good
Media servers		-	Not configured
Caching system		-	Not configured
	View more & config	ure	

## V. PAGE CACHE

Page cache helps improve your website speed considerably by storing all static contents into HTML files. The HTML files will be displayed instantly to website visitors every time they query a page.

#### 1. Page cache settings

**\*** Turn on page cache and select pages to cache:

**Super Speed** provides "**Pages to cache**" list including PrestaShop pages you can apply Page cache to. You can also configure cache life time of each page.

- Compress cache file into .ZIP files: Compress HTML cache files into .zip files, this helps save your disk space but page loading time will be a bit longer (because server needs to unzip compressed files before displaying them to website visitors)
- Auto refresh cache: Cache files can be automatically regenerated via cronjob for smoother user experience on the front office.
- \* **Record page clicks**: Enable this option to see how many times a page cache is used
- The delay time between page loading time checking: You can edit the time amount between 2 "page loading time checking" using Ajax request. The loading time result will be used to display the "Page speed timeline" on Dashboard. Recommended value: 5 seconds.

age cache					age cache settings	Exceptions	Live JavaScript	Cached URLs	URLs failed to create a cas
Page cache helps improve your website speed c	enderski, ku starine eli statio	essionis inte UTM	files The LITH	u files will be d	and word instantly to	wohaita viaitas	e evendiere theve		
Page cuche nelps improve your website speed c	onsiderably by storing an static	contents into Himi	. mes. me mm	it mes will be d	spidyed instantity to	website visitor	s everyume mey c	laery a page.	
Oops! You have not installed BLOG module - the BLOG module is perfectly supported by Super Sp	most powerful blog module for F eed's page cache so we recomm	Prestashop that co nend you to install	n help you sig it to fully take	nificantly impi advantages a	ove SEO score for yo f Super Speed. <mark>Get B</mark>	ur website on 0 LOG module no	Google, Bing, etc. c	is well as increas	e traffic to your website.
Page cache	On On								
Compress cache file	Off Compress HTML cache files into .zij visitors)	p files, this helps save	your disk space	but page loadin	g time will be a bit longe	r (because serve	r needs to unzip com	pressed files before	e displaying them to website
enerate particular page cache for each user-agent	Off Enable this option if your website h	as particular views fo	r desktop and m	nobile					
Pages to cache	All pages		Cache life	e time					
	Home page				5 Days				
	Category page				6 Days				
	Product page		•		15 Days				
	CMS page	_	•		15 Days				
	New products page				7 Days				
	Best-seller page				7 Days				
	Supplier page				7 Days				
	Manufacturer page				7 Days				
	Contact page			•	30 Days				
	Prices drop page	-0			7 Days				
	Sitemap page				7 Days				
Record page clicks	On Enable this option to see how man	y times a page cach	is used						
Automatically delete page cache when editing page data	On Usually, page data will be updated since the cache is continuously up	i after the cache lifeti idated and may take	me you set up at a lot of server res	bove. If you enab sources.	le this option, page date	will immediately	rupdate after your ei	dit. Please consider	before turning on this option
Automatically delete page cache when adding or deleting a product from cart	Off Please consider this before enabling enabled when the admin wants to your site does not care about the r	immediately update	the available pro	oduct quantity o	the product detail pag	ain whenever the e or product cate	user adds or remove egory page as soon c	is a product from th is the user adds/rer	e cart. This option should only moves products from the cart.
* The delay time between page loading time checkings	5		seconds						
undokings	You can edit the time amount beto checkings using Ajax request. The to display the 'Page speed timeline Recommended value: 5 seconds.	loading time result wi	time II be used						

# *How to set up cronjob:*

You should setup cronjob on your server to automatically clean expired page caches and regenerate page caches for common pages (homepage, new products, price-drop pages, etc.). It's recommended to configure the cronjob to be executed once per hour.

You may find cronjob command on tab "**Help**". **Cronjob secure token** is automatically generated when you install **Super Speed**, but you can enter a custom cronjob secure token.

You can also execute cronjob manually by clicking on "Execute cronjob manually" button:

11 11	sur server as below to automatically clean expired page caches and regenerate page caches for common pages (home page, n pages, etc.) if <i>"Auto refresh cache" is enabled on "Page cache"</i> tab. It's recommended to configure the cronjob to be executed on
ninute.	
ronjob secure toker	с
77d3a7	Update
Cronjob command:	0 * * * php E:\Xampp\htdocs\prestashop1.7\modules\ets_superspeed/cronjob.php token=77d3a7
🗄 Execute cronjo	o manually

#### 2. Exceptions

On this subtab, you will find URL exception area. Any URL containing at least 1 string entered on this area will not be cached. Please enter each string on 1 line then click "Save".

Quick Access + ( Cache and minflication Page cache		)								0	View my shop	_	elp
Dashboard	Cache and minfication 🗸	💐 Image optimizati	on 🚺 Database c	optimization	System An	nalytics 🛄 H	lelp						
Page cache							Page cache settings	Exceptions	Live JavaScript	Cached URLs	URLs failed to c	reate a ca	che
	URL except	ion(s) refs= affp=											
		Any URL conto	ining at least I string er	ntered above will	ll not be cached. P	Please enter eact	string on Hine.						

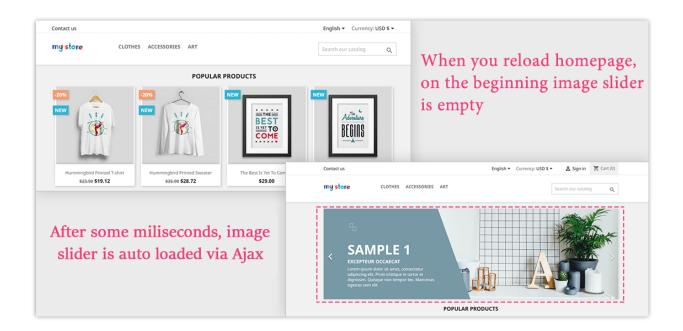
You can also disable cache for modules/hooks you need base on your demands. Those modules/hooks will be dynamically loaded via Ajax just right after website is displayed to front end user.

Disable cache for modules/hooks you need base on yo user.	ur demands. Those modules/hooks will be dy	ynamically loaded via ajax ju	st after website is displayed to front en
Module	Hook	Disable cache	Initiate with empty content
	displayFooter	O No	O No
Loyalty, Referral and Affiliate Marketing	displayFooterProduct	O No	O No
Author: ETS-Soft Version: 1.12	displayHome	() No	O No
	displayRightColumnProduct	() No	O No
Module Ets_homecategories Author: Module Ets_homecategories	displayHome	O No	O No
Version: 2.0.1	displayRecommendProduct	O No	O No
Banner Author: PrestaShop Version: 210	displayHome	() No	() No
Category tree links Author: PrestaShop Version: 2.0.0	displayLeftColumn	() No	O No
Contact information	displayFooter	O No	O No
Author: PrestaShop Version: 3.10	displayNav1	O No	O No
S CE Currency selector Author: PrestaShop Version: 20.0	displayNav2	( No	() No
Customer account links Author: PrestaShop Version: 3.10	displayFooter	() No	O No
Custom text Author: PrestaShop Version: 4.1.0	displayHome	O No	O No

For example, we will disable cache for displayHome hook of module **Image slider** and enable "**Initiate with empty content**" option.

Author: PrestaShop Version: 3.0.0	displayHome	Yes	Yes
--------------------------------------	-------------	-----	-----

Now navigate to your store front end and refresh homepage.



## 3. Live JavaScript

Enter your custom JavaScript code that you need to execute after non-cached contents are fully loaded and click "**Save**". Please be careful with your code, invalid JavaScript code may result in global JavaScript errors on the front office.

#### \*Note:

*Please enter JavaScript code without "script" tag. The tag will be automatically embedded to your code.* 

Quick Access 👻 (	Q. Search						0	View my shop 🏠	<b>€</b> 0	Θ
Page cache									He	lp
Dashboard	Cache and minfication 🛩 🔍 In	nage optimization [ Database optimization	욙 System Analytics 🔍 He	lp						
Page cache				Page cache settings	Exceptions	Live JavaScript	Cached URLs	URLs failed to cree	ate a cao	che
	Live JavaScript	3 Enter here custom JavaScript code that you need to office.	execute after non-cached content o	are fully loaded. Be careful	with your code, i	nvalid JavaScript ood	e may result in glob	sal JavaScript errors o	on the from	në.
									Save	

## 4. Cached URL

This sub tab contains a list of cached URLs and their details: cache size, the number of page clicks, time to cache.

🂊 Dashboard 📃 Cache and minification 🖌 🔊 Image optimization   🏥 Database optimization 🖉 System Analytics 😃 Help											
age	cache			Page cache settings	Exceptions	Live JavaScript	Cached URLs	URLs failed to create a cad			
*▲	Url 🖛	Language 🖛 🛎	Currency 🔻 🔺	Country 👻 🛎	Size ▼ ▲	Cache hit 👻 🔺	Date expired * A	Date			
	/prestashop_17.7.2/en/	English (English)	USD	United States	72.17KB	0	4 days	17 seconds of			
	/prestashop_17.7.2/en/art/28-hummingbird-vector-graphics.html	English (English)	USD	United States	159.99KB	0	14 days	1 minute			
	/prestashop_17.7.2/en/5-art	English (English)	USD	United States	68.26KB	0	4 days	1 minute			
	/prestashop_17.7.2/en/stationery/26-mountain-fox-notebook.html	English (English)	USD	United States	159.87KB	0	14 days	1 minute			
	/prestashop_17.7.2/en/stationery/24-hummingbird-notebook.html	English (English)	USD	United States	159.77KB	2	14 days	3 minutes			
	/prestashop_1.7.7.2/en/11-stationery	English (English)	USD	United States	55.89KB	1	4 days	36 minutes			
	/prestashop_17.7.2/en/prices-drop	English (English)	USD	United States	49.49KB	0	6 days	36 minutes			
	/prestashop_17.7.2/en/contact-us	English (English)	USD	United States	53.92KB	0	29 days	36 minutes			
	/prestashop_1.7.7.2/en/sitemap	English (English)	USD	United States	51.37KB	0	6 days	36 minutes			
	/prestashop_1.7.7.2/en/content/5-secure-payment	English (English)	USD	United States	49.31KB	0	14 days	36 minutes			

#### 5. URLs failed to create a cache

This feature allows you to keep track of a list of URLs that have not been successfully cached.

Please enable the "**Save log for URLs that failed to create a cache**" option first to have the module proceed to save the uncached URLs. You can sort the URLs by criteria: language, currency, country, error type, time.

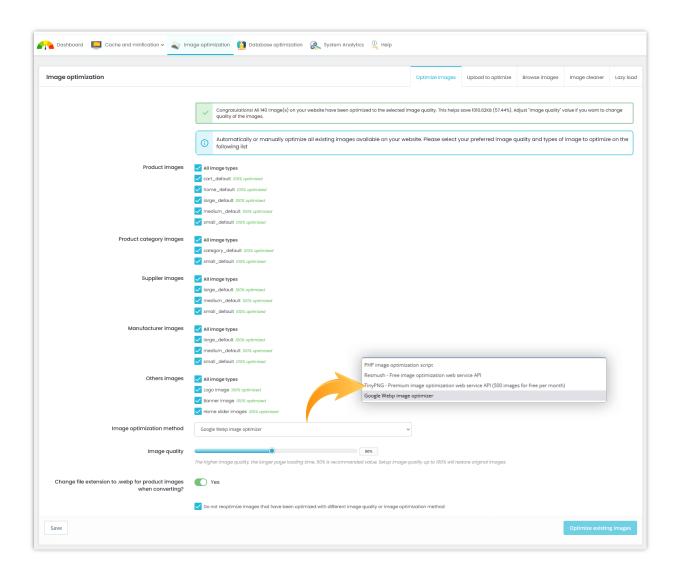
Quick Access + Q Search Cache and minification / Page cache Page cache							0	View my shop	ф 🥵 н	elp
Dashboard Cache and minfication -	Nage optimization	🊺 Database optimization 🛛 🧟 Syste	m Analytics  He	lp						
Page cache On Save log for URLs that f	ailed to create a cache			Page cache settings	Exceptions	Live JavaScript	Cached URLs	URLs failed to c	reate a ca	iche
URL = A	Language 👻 🛎	Currency * A	Country 🕆 🛎	Error 🖛					Date	<b>→</b>
/prestashop_17.7.2/en/	English (English)	USD	United States	Cache o	reated #15			203	23-07-11 23:	11:52

## VI. IMAGE OPTIMIZATION

#### 1. Optimize images

**Super Speed** can help you manually optimize all common images available on your website. Following 4 simple steps below:

- Step 1: Select types of images to optimize from the list
- Step 2: Select 1 among 4 image optimization methods.
- Step 3: Select image optimization quality
- Step 4: Click on "Optimize existing images" button



Super Speed uses 3 external services to optimize images: <u>Google Webp</u>, <u>reSmush</u>, <u>TinyPNG</u> and its own PHP optimization script.

- **reSmush** provides an optimization of pictures, for the most standard filetypes (PNG, JPG, GIF, BMP and TIF). It allows reductions until 80% by using different algorithms.
- **WebP** is a method of lossy and lossless compression that can be used on a large variety of photographic, translucent and graphical images found on the web. The degree of lossy compression is adjustable so a user can choose the trade-off between file size and image quality. WebP typically achieves an average of 30% more compression than JPEG and JPEG 2000, without loss of image quality.

- TinyPNG uses smart lossy compression techniques to reduce the file size of your PNG image files by selectively decreasing the number of colors in the image, fewer bytes are required to store the data. The effect is nearly invisible but it makes a very large difference in file size!
- PHP optimization script: optimize your images with our PHP script. If the service from *reSmush* or *TinyPNG* has some troubles (slow connection speed, *reSmush/TinyPNG* server is crashed, etc.), Super Speed will automatically change to PHP optimization script method.

Every time you change image quality or optimization method, you will see the number of unoptimized images next to the list. Please remind that these numbers are the number of unoptimized images with new image quality or new optimization method.

#### \*Note:

This module also has option to optimize images for these following modules: PrestaShop default home slider module, PrestaShop default banner module, and the most trusted blog module for PrestaShop - <u>BLOG</u>.

## How to get TinyPNG API key

If you select TinyPNG image optimization method, you will need to enter a TinyPNG API key before optimizing.

🗛 Dashboard 🔛 Page cache 🔍 Image o	atimization 🔹 Server cache and minification 👰 Browser cache and Gzip 🚺 Database optimization 🔗 System Analytics 🔍 Help
	Main image 100% optimized
	Thumb image 100% optimized
Diag gellan ( Saliday inseran	
Blog gallery & slider images	All image types     Main gallery image 1001 optimized
	Thinh gallery image 1002 optimized
	Slider images 100% aptimized
Others images	✓ All image types
	Logo image 100% optimized
	Sonner image 100% optimized
	Theme configurator image 100% optimized
	Home slider images 100% optimized
Image optimization method	TinyPNG - Premium image optimization web service API (500 images for free per month)
	TinyPNG offers free optimization for 500 jpg/png images per month, with additional cost, you can optimize more images. You can also enter multi free TinyPNG keys to optimize as many images as you want see more here
TinyPNG API key	u7su7bh35Ny54Jy4CFS9e4uIgblyv34IW
	+ Add Key
· · · · · · · · · · · · · · · · · · ·	
Image quality	63%
	The higher image quality, the longer page loading time, 50% is recommended value. Setup image quality up to 100% will restore original images.
	C bo not reoptimized images that have been optimized with different image quality or image optimization method

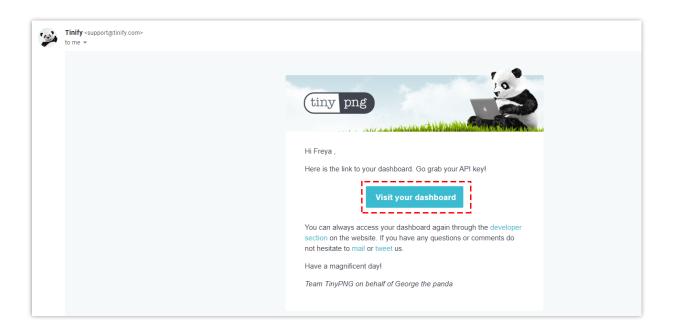
Follow this instruction to get your own TinyPNG API key:

Step 1: Navigate to <u>https://tinypng.com/developers</u>

Step 2: Enter your full name and email address then click "Get your API key" button

HOME PHC	OSHOP DEVELOPER API TI	HIRD-PARTY ANALYZER	LOGIN
	oper API		
Automate	our JPEG and PNG cor	mpression workflow	1 9
	er to optimize all your JPEG and PNG im inies and developers around the world v		20
Enter your name	nd email address below to retrieve your	r key and get started.	
Your full name	Your email address	Get your API key	
			Constanting of the second
		- air	

Step 3: Open your email inbox and find the email sent from TinyPNG. Click on "Visit your dashboard" button



Step 4: Now you will see your TinyPNG API key. This free key is limited to 500 uploads per

**month**. If you want to optimize more than 500 images per month, please upgrade to paid account.

Welcome,	🔅 edit profile	9	tiny png
Web interface	Photoshop plugin	WordPress & API	Invoices
Grab your API key Detailed information and code sam	ples are available in the API refe	srence.	
Description	Compress	ions API Key	
АРІ Кеу	0	4qPZzØKB7zWvqF	RmTØZvx8ZH81R3M5vKH
Your total usage this mor	nth 0 / 50	0	Add API key

### 2. Restore original images

If you want to restore your original images, please follow this guide:

• Step 1: Navigate to "**Optimizing images**" tab > set "**Image quality**" to 100%

Image quality	
	bigher image quality, the longer page loading time, 50% is recommended value. Setup image quality up to 100% will restore original images.

- Step 2: Select types of restorable image and optimization method
- Step 3: Click on "**Restore original images**" button.

Rashboard 🛛 🔤 Cache and minfication 🗸 🔍 Im	age optimization 👔 Database optimization 🔗 System Analytics 🔍 Help					
Image optimization		Optimize images	Upload to optimize	Browse images	Image cleaner	Lazy load
	Automatically or manually optimize all existing images available on your we following list	bsite. Please select y	our preferred image q	uality and types of	image to optimize	e on the
Product images	✓ All image types					
	cart_default 23 restorable					
	home_default 23 restarable					
	✓ large_default 23 restorable					
	default 23 restorable					
	small_default 23 restarable					
Product category images	✓ All image types					
	<ul> <li>category_default 7 restorable</li> </ul>					
	smail_default 7 restorable					
Supplier images	✓ All image types					
	Iarge_default 100% restored, 0 unoptimized					
	medium_default 100% restored; 0 unoptimized					
	small_default 100% restored, 0 unoptimized					
Manufacturer images	✓ All image types					
	large_default 2 restorable					
	wedium_default 2 restorable					
	small_default 2 restorable					
Others images	✓ All Image types					
	Cogo image 1 restorable					
	Banner image Trestorable					
	Home slider images 3 restorable					
Image optimization method	Google Webp image optimizer					
Image quality	100%     The bishest second seco					
	The higher image quality, the longer page loading time, 50% is recommended value. Setup image of	quality up to 100% will res	tore original images.			
Change file extension to .webp for product images when converting?	Ves Ves					
	Do not reoptimize images that have been optimized with different image quality or image optimized with different image optimized with different image optimized with the second s	mization method				
Save					Restore origina	al images

## 3. Upload images to optimize

Optimize any images by uploading them via upload form on "Upload to optimize" sub tab. You can adjust image optimization method and image quality by clicking on the optimization method name.

Dashboard 🧧 Cache ar	nd minfication 🗸 🔌 Image	optimization 🧾 Dat	abase optimization	🥵 System	n Analytics	4 Help					
Image optimization							Optimize images	Upload to optimize	Browse images	Image cleaner	Lazy load
(i) Optimize any images by	uploading them via upload f	orm below. You can ac	ljust image optimizati	ion method	I and image	quality by clicking	on the optimization	method name.			
			¢° PHP in	nage optir	mization s	cript (50%)					
			<b>6</b> U	Jpload ima	ages to op	timize					
			Accepted for	mats: jpg, gil	if, jpeg, png,	webp. Limit 8Mb					
ſ											
Optimization settings				×							
Image optimization method	PHP image optimization script			~							
Image quality		0		50%							
Cancel				E Save							

Dashboard 📃 Cache and minfication	n 🗸 🗼 Image optimization 📋	Database optimization	System Analytics	Help					
Image optimization					Optimize images	Upload to optimize	Browse images	Image cleaner	Lazy load
() Optimize any images by uploading t	hem via upload form below. You co	an adjust image optimi:	zation method and image q	uality by clickin	g on the optimizat	ion method name.			
		og Php	image optimization scri	ot (50%)					
		Accepted fo	Upload images to optin prmats: jpg, gil, jpeg, png, we	bp. Limit 8Mb					
	image.png (1.61MB)		Optimized (Save 85.69%)		235.60	KB 🕹 Downloo	rd 🙁		
	pexels-phot8386643.jpeg (271.07КВ)		Optimized (Save 17.84%)		222.72	(B 🕹 Downloo	rd 🛞		
	sandals.jpg (21.89KB)		Optimized (Save 51.58%)		10.60K	B & Downloo	rd 🚫		
	flat_shoes.jpg (22.65KB)		Optimized (Save 53.33%)		10.57K	3 & Downloo	d 🛞		

## 4. Browse images to optimize

Browse images on your server and optimize any images you want. You can adjust image optimization method and image quality by clicking on the optimization method name.

Dashboard 🧱 Cache and minfication 🗸 🔊 Image optimization	Database optimization 🤱 System Analytics 🍳 Help					
nage optimization		Optimize images	Upload to optimize	Browse images	Image cleaner	Lazy la
<ol> <li>Browse images on your server and optimize any images you want.</li> </ol>						
		7				
	📽 PHP image optimization script (50%)					
		-	4			
🕨 🖿 adminfqvbwv						
🕨 🖿 app						
🕨 🖿 bin	Optimization settings		- -		×	
🕨 🖿 cache	Optimization settings				~	
classes						
🕨 🖿 config	Image optimization PHP image	optimization script			~	
controllers	method	- cherringer on he				
docs						
download	Image quality				50%	
🕨 🖿 img						
🕨 🖿 js						
landing	×					
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Image optimization		Optimize image	s Upload to optimize	Browse images	Image cleaner	Lazy load
Browse images on your server and optimize any image						
Browse images on your server and optimize any image	es you wunt.					
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#### 5. Image cleaner

There are unused images taking space on your server, those images can be cleared to save your hosting space. For safety, you are recommended to make a backup of "**img/**" folder before clearing unused images.

🂫 Dashboard 🛛 🔜 Cache and minification 🖌 🗻 Image optimization 👸 Database optimization 🔗 System Analytics 🔍 Help									
Image optimization	Optimize images	Upload to optimize	Browse images	Image cleaner	Lazy load				
There are unused images taking space on your server. Those images can be cleared to save your hosting space. For safety, you are recommended to make a backup of img/ folder before clearing unused images.     • 6 unused product image(s) 86.02X8									
Clear all unused images									

#### 6. Lazyload

Enable Lazyload to defer loading of product images at page load time. Instead, these images are loaded at the moment of need.

	Optimize images	Upload to optimize	Browse images	Image cleaner	Lozy
nages at page load time. Instead, these images are loaded at the moment of nee	ed				
No No					
• • ( )					
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All image types					
Product listing     Home slider					
	No         Image ()         Image types         Image types         Image types	nages at page load time. Instead, these images are loaded at the moment of need  No  No   No    Interpret to the image of	nages at page load time. Instead, these images are loaded at the moment of need  No  No   No	nages at page load time. Instead, these images are loaded at the moment of need	nages at page load time. Instead, these images are loaded at the moment of need



#### VII. SERVER CACHE AND MINIMIZATION

**Server cache** helps reduce the stress on your server by saving certain data in cache files such as database query results, arithmetic calculation results, etc. to reuse in later processes. Otherwhile, **Smarty cache** stores a copy of the template files rendered in Smarty compilation process and reuse them in next times the templates are requested to reduce template rendering time. You should enable these 2 options to improve the performance of your website as well as make it much faster.

**Super Speed** also helps minify HTML, JavaScript and CSS code of your PrestaShop website by removing repeated line breaks, white spaces, tabs and other unnecessary characters. Once the minification is enabled, it will help reduce the size of HTML, JavaScript and CSS files loading to visitor significantly and boost your page loading speed.

Here is the list of optimization options on this tab. We recommend you to enable all optimization options, but you can enable any option you prefer.

Smarty Cache	ON OFF
,	Reduce template rendering time
Server Cache	ON OFF Reduce database access time
Minify HTML	ON OFF Compress HTML code by removing repeated line breaks, white spaces, tabs and other unnecessary characters in the HTML code
Minify Javascript	ON OFF Compress Javascript code by removing repeated line breaks, white spaces, tabs and other unnecessary characters
Minify CSS	ON OFF Compress CSS code by removing repeated line breaks, white spaces, tabs and other unnecessary characters

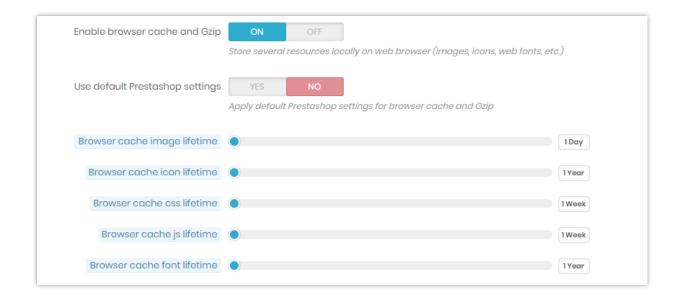
## VIII. GZIP AND BROWSER CACHE

**Gzip** is a method of compressing files (making them smaller) for faster network transfers and is also a file format. You should enable **Gzip cache** to reduce page loading time and save bandwidth.

**Browser cache** stores several resources locally on visitor's web browser (images, icons, web fonts, etc.) so when someone visits the same page for a second time, the browser displays the page in no time without having to connect to remote server to get necessary resources.

Super Speed supports both Gzip and Browser cache features. You can apply default PrestaShop settings for browser cache or configure each cache elements personally. If "Use default PrestaShop settings" option is enabled, all browser cache element will have lifetime value equal "1" (day/week/year).

GZIP & browser cache	
Enable browser cache and Gzip	ON OFF Store several resources locally on web browser (images, icons, web fonts, etc.)
Use default Prestashop settings	YES NO Apply default Prestashop settings for browser cache and Gzip



## IX. DATABASE OPTIMIZATION

Database optimization feature allows you to **clean unnecessary data in database** such as connection logs, useless discount codes, abandoned carts, etc. (those data are only used for statistics purpose and can be cleaned if not necessary for you). The clearance helps save database space and reduce database access time.

Database optimization Clean unnecessary data in Prestashop database to improve your page loading time. The datas below are only used for statistics and can be cleared if the statistics are not important for you.					
Data type	Description	Records	Status	Action	
Connections log	The records including info of every connections to your website (each visitor is a connection)	1	Good	🛓 Download 🗎 🗎 Clean	
Page views	Measure the total number of views a particular page has received	199	Good	🛓 Download 🗎 🖻 Clean	
Useless discount codes	Expired discount codes	0	Good		
Abandoned carts	The online cart that a customer added items to, but exited the website without purchasing those items	0	Good		
Guest data	information of unregistered users (excluding users having orders)	0	Good		
Clean all					

**Super Speed** also allows you to download these data to preview or for other purposes.

#### \*Note:

*After cleaning, these statistic data cannot be restored. Please be cautious when clicking "Clean" button.* 

## X. SYSTEM ANALYTICS

**Super Speed** provides an analytic tool to help you keep track of your installed modules' performance. On the list, you may find hooks used by each module and their execution time, URL of a hook, hook status, etc.

Turn on "**Record module performance**" to start analyzing module performance.

If you want to disable a hook, click on "**Unhook**" button.

ystem Analy	tics Off Record module p	performance (Should be turned off for pro	duction website)		Module performance	Extra chec
Module 🗸 🔺	Hook name 🔽 🔺	Url	Execution time 🔽 🔺	Date 💌 🔺	Status 🗸 🔺	Action
			Min Max	From	Active ~	Q Search
	displayHome	/thutest/en/	765.1 ms	2019-08-13 04:01:44	Activo	會 Unhook
•••	displayHome	/thutest/en/	336.3 ms	2019-08-13 04:01:44	Active	1 Unhook
	displayInstalmgList	/thutest/en/	307 ms	2019-08-13 04:01:44	Active	會 Unhook
7	displayNav2	/thutest/en/	59.9 ms	2019-08-13 04:01:45	Active	會 Unhook
e	displayFooter	/thutest/en/	53.7 ms	2019-08-13 04:01:45	Active	窗 Unhook
CO BTS	displayHeader	/thutest/en/	45.3 ms	2019-08-13 04:01:43	Active	會 Unhook
< 🖂 >	displayHome	/thutest/en/	42.8 ms	2019-08-13 04:01:43	Active	會 Unhook
ETS	displayHeader	/thutest/en/	35.6 ms	2019-08-13 04:01:43	Active	會 Unhook
≡	displayTop	/thutest/en/	33.9 ms	2019-08-13 04:01:45	Active	會 Unhook
	displayFooter	/thutest/en/	21.9 ms	2019-08-13 04:01:45	Active	

"**Extra checks**" sub-tab gives you useful recommendations to further optimize your PrestaShop site's speed.

System Analytics Off Recor	a module perfo	rmance (Should b	e turned off for production website)	Module performance	Extra chec
Check point	Current data	Status	Recommendation		Action
Home slider images	3	Good	Should not more than 3 items		Configure
Popular products	8	Good	Should not more than 8 items		Configure
Products per page on category page	12	Good	Should not more than 12 items		Configure
Number of images on home page	49	Acceptable	Should not more than 30 images. Consider to minimize the number of image.	ages displayed on home	
Number of CSS files (home page)	1	Good	Should not more than 5 files. Enable Minify CSS to combine all CSS files int	o 1 file	Configure
Number of JavaScript files (home page)	1	Good	Should not more than 5 files. Enable Minify JavaScript to combine all JavaScript files into 1 file		Configure
Media servers	-	Not configured	Configure Media servers in order to use cookieless static content		Configure
Caching system	-	Not configured	Enable Memcached, APC or Xcache (if they are supported by your server) speed.	to maximize website	Configure

## XI. HELP

On this tab, we have some notes you should pay attention to while using **Super Speed**.

You can also find instruction to setup cronjob on your server or execute cronjob manually by clicking "**Execute cronjob manually**" button.

1 Run "Auto configuration" from module's dashboard to quickly set everything up.
2. Contact us if you get into any troubles. We're happy to help, we will try to get back to you within 24 hours or as soon as possible.
3. Read the module's user-guide document carefully to understand how to use the module as well as find out solution for the problem you may meet when using Super Speed.
4. To make Super Speed works smoothly, please make sure you uninstall any other cache or image optimization modules (if there are any) on your website. Then reinstall Super Speed and configure all necessary settings in the module back office. Super Speed comes with all speed optimization features you need such as page cache, browser cache, server cache, image optimization, etc. You don't need any other ones anymore, go ahead to remove them.
5. When you enable "Page Cache", we recommend you to recheck the front office of your website to make sure all features working as they should be. Especially, carefully check features working in jQueryajax or features based on JavaScript such as add to cart button, ordering process, user registration process, etc. If any of the features are not working well, disable "Page cache", contact us for help if you can't solve the problem yourself.
6. Image optimization feature helps optimize all common images in Prestashop such as product images, category images, manufacturer and supplier images, etc. It doesn't optimize custom images such as theme's images, modules images (for example slider module images), etc. For those images, we recommend you to manually optimize them using free online image optimization tools such as https://imagecompressor.com/, https://tinypng.com/, or any of your favorite tools; then manually replace the un-optimized images using FTP
software
7. Super Speed makes your website faster than ever for sure as its name. It also helps rise your speed score on web speed on most common testing tools such as Google page speed insight, GTmetrix, etc. But it doesn't guarantee that your website will get highest scores as the scores depend on many other things that are not controlled by Super Speed such as your server processing speed, your server's network speed, your website page content optimization, etc. So please understand!
8. Setup a cronjob on your server as below to automatically clean expired page caches and regenerate page caches for common pages (home page, new products, price-drop pages, etc.) if "Auto refresh cache" is enabled on "Page cache" tab. It's recommended to configure the cronjob to be executed once per minute. Cronjob secure token:
77d3a7 Update
Cronjob command: 0 * * * php E:   Xampp   htdocs   prestashop1.7   modules   ets_superspeed/cronjob.php token=77d3a7
ら Execute cronjob manually

## XII. THANK YOU

Thank you again for purchasing our product and going through this documentation. We hope this document is helpful and efficient in the installation and usage of **Super Speed** module.

If you do have any questions for which the answer is not available in this document, please feel free to contact us.