

TOTAL IMAGE OPTIMIZATION PRO

All-in-one image optimizer for your store: optimize all existing & newly uploaded images, clean unused images & set up Lazy load. Good for SEO, preserving image quality & speed up your website!

A product of PrestaHero

Contents

I.	WELCOME	3
II.	INTRODUCTION	3
III.	INSTALLATION	4
IV.	OPTIMIZE IMAGES	5
V.	RESTORE IMAGE QUALITY	8
VI.	UPLOAD IMAGES TO OPTIMIZE	10
VII.	BROWSE IMAGES TO OPTIMIZE	11
VIII.	IMAGE CLEANER	12
IX.	LAZY LOAD	12
Х.	THANK YOU	14

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 that are beyond the scope of this documentation, please feel free to contact us.

*Note:

All instruction screenshots are taken from PrestaShop 8, but installing and configuring this module on PrestaShop 1.7 and 1.6 are similar.

II. INTRODUCTION

Images on a webpage are known for taking over a bunch of bytes and slow down the page loading time considerably. This results in higher bounce rates, lower conversion rates, reduced rankings on Google search result pages, and a bad customer experience.

Let us help you! **Total Image Optimization Pro** is a powerful image optimization tool that *optimizes all existing and newly uploaded images* of your online store, *compressing* them to their smaller size without losing the quality, *cleaning up unused images*, and *supporting the Lazy load* feature for images.

* **"Total Image Optimization Pro**" is compatible with PrestaShop 1.6.x, PrestaShop 1.7.x and PrestaShop 8.x

III. INSTALLATION

- Navigate to "Modules / Modules & Services", click on "Upload a module / Select file"
- Select the module file "ets_imagecompressor.zip" from your computer then click on "Open" to install
- 3. Click on **"Configure**" button of the module you just installed to open the module's configuration page

Quick access: You can also navigate to **Total Image Optimization Pro**'s configuration page through the quick access menu.

IMPROVE		Design & Nav	vigation		
Modules 🛛 🗸 🗸					
🖵 Design		s 🖂 S	Image slider		
💭 Shipping			v3.0.0 - by PrestaShop		
Payment					
International					
		Other			
CONFIGURE					
🔅 Shop Parameters			V1.0.1 - by ETS-Soft		
Advanced Parameters					
IMAGE COMPRESSOR	Quick	: acces	s menu		

IV. OPTIMIZE IMAGES

Total Image Optimization Pro can help you manually optimize all common existing images available on your website. Following 4 simple steps below:

Accompany provide p		Total Image Optimization Pro
A local concept and concept		Reduce image sizes, speed up website, save disk space and bandwidth
Control		
Image: Control model		
Subport integendence	Optimize images	🕹 Upload to optimize 🛛 🛔 Browse images 🥒 Image cleaner 🔅 Lazy load
Product image I image type: Image type: Image type: </td <td></td> <td>Automatically or manually optimize all existing images available on your website. Please select your preferred image quality and types of image to optimize on the following list</td>		Automatically or manually optimize all existing images available on your website. Please select your preferred image quality and types of image to optimize on the following list
Change appendix to the specific spec	Product images	All image types
Image optimization method Image optimizer Image optimization method Image optimizer Image optimizet Image optimizer Image optimizer Image optimizer Image optimizer Image optimizer Image optimizer Image optimizer Image optimizer Image		cart_default 23 unoptimized
Image optimization method Image optim		small_default_23 unoptimited
Image optimized Image optimized Product category images Image optimized Image optimage Image Image Image Image Image Image Image		efault 23 unoptimized
Image optimization method 		home_default 23 unoptimized
Product category images A limage types Category_default ? unsplantised Category_default ?00% optimized Image types Image default 100% optimized Image types Image type types Image type type type type type type type typ		Crge_defoult 23 unoptimized
Image optimization method Image upual is unage inviced Image optimization method Image upual is unage upual is unage inviced Image optimization method Image upual is unage upual is unage inviced Image upual is unage inviced is unage upual is u	Product category images	All image types
Image optimization method Image upges Image optimization method Image upges Image optimization to swelphone Image upges Image optimization to swelphone Image upges Image optimization to swelphone Image updity: the larger page loading time. 50% is recommended value. Setup image quality up to 100% will restore orgolization		small_default 7 unoptimized
Supplier images A image types small_default image optimized: image optimized image optimized: image optimized image optimized: image optimized image optimized: image optimized image optimized: image optimized: image optimized: image: image: image: image: image: image: image: image: image: image: <td></td> <td>category_default 7 unoptimized</td>		category_default 7 unoptimized
Image optimization method Image quality Image optimization to .webp for product images when converting?	Supplier images	All image types
Image optimization method Googe Webp Image optimizer Image optimization to .webp for Googe Ves Change file extension to .webp for Statiser	1	small_default_100% optimized,
Image default 1000: optimized Manufacturer images Image application Image application Image optimization method Image quality Image application to .webpy foor Change file extension to .webpy foor Image splie file extension to .webpy foor Image splie file extension to .webpy foor Image splie file extension to .webpy foor		medium_default 100% optimized,
Manufacturer Images I all image types Image_default 2 unoptimized Image_default 2 unoptimized Image optimization method Image quality Image quality Image optimization nethod Image quality Image spline Image quality Image spline Image quality Image spline Image spline <td></td> <td>large_default 100% optimized,</td>		large_default 100% optimized,
Introduction in Frage Introduction in Frage Image optimization method Image optimizer Image quality Image optimizer Image optimization to webp for product images when convertings Yes	Manufacturer images	All language burgers
Change file extension to .webp for Change file extension to .webp for	Manadactarer innages	small default 2 unantimized
Change file extension to webp for product images when converting? Ves		medium_default_2 uncetimized
Others images Image types Image optimization method Image optimizer Image quality Image optimizer Image quality Image optimizer Image states Image optimizer		✓ large_default 2 unoptimized
Other's image All image types Iso image		
 ✓ Logo image functioned ✓ Banner image functioned ✓ Home slider images 3 unoptimized ✓ Home slider images 3 unoptimized ✓ Google Webp image optimizer. ✓ ✓ Image quality ✓ The higher image quality: the longer page loading time, 50% is recommended value. Setup image quality up to 100% will restore origit images. Change file extension to .webp for product images when converting? 	Others images	All image types
Image optimization method Google Webp image optimizer. Image quality Image optimizer. Image quality The higher image quality, the longer page loading time, 50% is recommended value. Setup image quality up to 100% will restore origin images. Change file extension to .webp for product images when convertings ✓		Cogo image runoptimited
Image optimization method Google Webp Image optimizer. Image quality Image optimizer. The higher image quality: the longer page loading time, 50% is recommended value. Setup Image quality up to 100% will restore origit images. Change file extension to .webp for product images when converting?		Vennes intege / antiparticular
Image optimization method Google Webp Image optimizer. Image quality Image optimizer. Image quality The higher Image quality: the langer page loading time, 50% is recommended value. Setup Image quality up to 100% will restore origin Images. Change file extension to .webp for product Images when converting? Yes		
Image quality The higher image quality, the longer page loading time, 50% is recommended value. Setup image quality up to 100% will restore originates. Change file extension to .webp for product images when converting? Yes	Image optimization method	Google Webp image optimizer 🗸 🗸
Change file extension to .webp for product images when converting?	Image quality	70%
Change file extension to .webp for Ves product images when converting?	in age duality	The higher image quality, the longer page loading time, 50% is recommended value. Setup image quality up to 100% will restore originc
Change file extension to .webp for Ves product images when converting?		images.
	Change file extension to .webp for product images when converting?	Ves Ves
Avoid re-optimizing images that have already been optimized using a different image quality or optimization method.		Avoid re-optimizing images that have already been optimized using a different image quality or optimization method.
Re-optimizing such images may lead to undesired outcomes. Avoid re-optimizing to preserve the original optimization and prevent potential conflicts.		Re-optimizing such images may lead to undesired outcomes. Avoid re-optimizing to preserve the original optimization and prevent potential conflicts.

Step 1: Select types of images to optimize from the list. You can optimize product images, category images, supplier images, manufacturer images and other images (logo, banner, etc.).

Step 2: Select an image optimization method. **Total Image Optimization Pro** supports 4 optimization methods: **Google Webp image optimizer**, **reSmush**, **TinyPNG** and **PHP optimization script**.

- <u>WebP</u> 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.
- <u>reSmush.it</u> is a free web service API that provides image optimization. It allows reducing to 70%-80% of the size of uploaded pictures. If you select this optimization method, your images will be sent to *reSmush.it* to optimized, after completing the optimization process, *reSmush* will send optimized images back to your site.
- <u>TinyPNG</u> 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.it* or *TinyPNG* has some troubles (slow connection speed, reSmush/TinyPNG server crashed, etc.), **Total Image Optimization Pro** will automatically change to the PHP optimization script method.

Step 3: Select image quality.

6

Step 4: Click on the "Optimize existing images" button.

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

How to get TinyPNG API key

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



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		tiny png
Web interface	Photoshop plugin	WordPress & API	Invoices
Grab your API key Detailed information and code sa	mples are available in the API referen	ce.	
Description	Compression	s API Key	
API Key	0	4qPZzØKB7zWvqR	mTØZvx8ZH81R3M5vKH
Your total usage this me	onth 0 / 500		Add API k

V. RESTORE IMAGE QUALITY

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

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

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

Doptimize images	🛓 Upload to optimize 🛛 👗 Browse images 🥒 Image cleaner 🗧	: Lazy load
	Automatically or manually optimize all existing images available on your website. Please select your preferred image quality and types of image to optimize on the following list	
Product images	All image types	
	cart_default 23 restorable	
	small_default <u>23 restorable</u>	
	medium_default 23 restorable	
	home_default 23 restorable	
	Iarge_default 23 restorable	
Product category images	All image types	
	small_default 7 restorable	
	category_default 7 restorable	
Supplier images	All image types	
	small_default 100% restored, 0 unoptimized	
	medium_default 100% restored; 0 unoptimized	
	large_default 100% restored, 0 unoptimized	
Manufacturer images	All image types	
	small_default 2 restorable	
	medium_default 2 restorable	
	V large_default 2 restorable	
Others images	All image types	
0		
	Home slider images 3 restorable	
Image optimization method	Google Webp image optimizer	
Image quality	0 100%	
	The higher image quality, the longer page loading time, 50% is recommended value. Setup image quality in images	up to 100% will restore original
	nnageni	
Change file extension to .webp for	Yes	
product images when converting?	_	
	Avoid re-ontimizing images that have glready been entimized using a different image quality or entire	nization method
	Re-optimizing such images may lead to undesired outcomes. Avoid re-optimizing to preserve the original	optimization and prevent
	potential conflicts.	
Save		Restore original images
Save		Restore original images

VI. UPLOAD IMAGES TO OPTIMIZE

Besides automatic image optimization, **Total Image Optimization Pro** also provides you manual image optimization feature. You can optimize any images by uploading them via upload form on "**Upload to optimize**" tab.

To adjust image optimization method and image quality, please click on the optimization method name. You can download the optimized images to your computer.

	Total Image Optimization Pro	
	Reduce image sizes, speed up website, save disk space and bandwidth	
Optimize images	🚣 Upload to optimize 📑 Browse images 🥒 Image cleaner 🔅 Lazy load	ł
	Optimize any images by uploading them via upload form below. You can adjust image optimization method and image quality by clicking on the optimization method name.	
	PHP image optimization script (50%)	
	Upload images to optimize Accepted formats: jpg, gif, jpeg, png, webp. Limit 8Mb	
hinh-nen-ma nh-4k-3	Djpg (789 Optimized (Sove 61.25%) 305.76KB Down	bad
hinh-nen-ma nh-4k-5	3.jpg (543_ Optimized (Save 48.36%) 280.66KB Down	bad
hinh-pen-maph-4k-4	3.jpg (122_ Optimized (Save 44.93%) 687.06KB Downl	bad

VII. BROWSE IMAGES TO OPTIMIZE

With **Total Image Optimization Pro**, you can browse images on your server and optimize any images you want, from theme's images to PrestaShop default modules' images.

Similar to upload images to optimize, you can adjust image optimization method and image quality by clicking on the optimization method name.



VIII. 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.

Click on "Clear all unused images" button to delete all unnecessary images on your server.

	Total Image Optimization Pro
	Reduce image sizes, speed up website, save disk space and bandwidth
	Optimize images Lazy load to optimize Lazy load
0	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	inused product image(s) 93.54KB
🛍 Clea	r all unused images

IX. LAZY LOAD

Lazy loading is an optimization technique for the online contents. Instead of loading the entire web page and rendering it to the user in one go as in bulk loading, the concept of lazy loading assists in loading only the required section and delays the remaining, until it is needed by the user.

Total Image Optimization Pro offers you Lazy load feature to defer loading of product images at page load time. Instead, these images are loaded at the moment of need.

	Total Image Optimization Pro
	Reduce image sizes, speed up website, save disk space and bandwidth
Dptimize images	1 Upload to optimize A Browse images Image cleaner
Enable Lazy Load to defer loading) of product images at page load time. Instead, these images are loaded at the moment of need
Enable lazy load	Ves
Preloading image	
	•
	0
	0 • • •
Enable Lazy Load for	All Image types
	Home slider
	Mome banner

	POPULAR PRODUCTS					POPULAR PRODUCTS				
					1					
Faded Short Sleeves T-shirt \$16.51	Biouse \$27.00	Printed Dress \$26.00	Printed Dress \$50.99		Faded Short Sleeves T-shirt \$16.51	Blouse \$27.00	Printed Dress \$26.00	Printed Dress \$50.99		
						R	*			
Printed Summer Dress 630:54 \$28.98	Printed Summer Dress \$30.50	Printed Chiffon Dress \$20:50 \$16.40			Printed Summer Dress \$39.51 \$28.98	Printed Summer Dress \$30.50	Printed Chilfon Dress \$29:59 \$16.40			

X. 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 **Total Image Optimization Pro** module.

If you have any questions for which the answer is unavailable in this document, please feel free to contact us.