

Optimal Product Finder

Now You Too Can Quickly & Easily Scrape Amazon's US Product Catalog!

Optimal Product Finder is the premier windows based solution for scraping Amazon's US Product Advertising API. Optimal Product Finder (OPF) compiles a CSV (Comma Separated Value) file to use in other scripts to create Affiliate Niche Sites and earn money with Amazon's Associates Program.

Please read through the [License Agreement](#) & [Disclaimer](#) before using Optimal Product Finder.

The screenshot shows the Optimal Product Finder application window. It features a top menu bar with 'Download Amazon Info', 'Clean Up / Sort data', and 'Images'. Below this is the 'Access Keys' section with input fields for 'AWS API Key', 'Secret API Key', and 'Associate ID'. The 'Search criteria' section includes a 'Category' dropdown menu (set to 'All'), a 'Search' button, and several other input fields: 'Title', 'Keywords', 'Manufacturer', 'Min Price', 'Max Price', and 'Merchant' (set to 'All'). There are also 'Open file...' buttons for ISBN and ASIN numbers. The 'Current items' section contains a table with columns: Title, SalesRank, Description, Manufacturer, Part Number, ASIN, ISBN, and Model. At the bottom, there is a 'Clear' button, an 'Apply local price filter' checkbox, and 'Save As...' and 'Next >>' buttons. The status bar at the very bottom shows 'Progress: [] Total items found: 0 Items retrieved: 0 Only 50 items retrieved for this category!'.

Title	SalesRank	Description	Manufacturer	Part Number	ASIN	ISBN	Model
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Instructions:

1) Access Keys:

In order to use Optimal Product Finder (OPF), you will need an Amazon Associate ID (also called Affiliate ID or Tracking ID). If you are not an Amazon affiliate yet, please sign up at <https://affiliate-program.amazon.com/>. Second, you will need an AWS API Key and Secret API Key, which you can get by signing up for a Product Advertising account at <https://affiliate-program.amazon.com/gp/advertising/api/detail/main.html>. Please go to “Manage Your Account” (button of the page) and the access you Identifiers (after login in). Your access keys will be cashed by OPF, so you will not have to enter them every time.

2) Search Criteria:

OPF allows you to search and scrape Amazon’s US API for specific products using up to 16 search parameters, including:

- Browse and scrape Amazon’s Product Catalog categories and up to 3 sub-categories. The last sub-category tap (next to the search button) contains only bestsellers, most gifted, most wished, and hot new product listings.
- Search and scrape Amazon’s bestseller / most gifted / most wished and hot new product listings.
- Search and scrape Amazon Product’s by Title / Keywords / Manufacturer. Amazon’s API limits the results to 50 items (all categories) and 4,000 items per main/sub-category.
- Search and scrape Amazon Product’s by ISBN or ASIN number(s). See example lists.
- Configure best price range of the products. You have two options: 1) search Amazon by specifying a price range (which does not always work), 2) locally (takes longer).
- Include products sold by Amazon or third party sellers (not shipped by Amazon).

Search Combinations: Optimal Product Finder closes fields that cannot be combined (limitations in Amazon’s API). We also included two sample files for ISBN and ASIN searches which can be found in the Optimal Product Finder folder.

Keyword Button (under the Search Button): Opens an extra window that allows for converting keywords lists from lists that list keywords one per line to comma separate output. This function is not necessary to run Optimal Product Finder.

Once you have completed your search you are given two options: 1) save the information as a CSV file, or 2) send it to the next step (clean up / sort data).

<p>Interesting Facts: Optimal Product Finder is a learning program. Amazon’s main category IDs (BrowseNodes) are stored (default) in: C:\Program Files\Optimal Product Finder\BrowseNodes\RootBrowseNodes.xml. OPF automatically calls the specific sub-categories by queering Amazon’s Browse Node Lookup function and caching the results for 7 days before checking Amazon for sub-category updates.</p>
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3) Clean Up / Sort Data:

Each of the functions (search / sorting & cleaning / images) can work together or autonomous (save / load CSV file).

The Clean & Sort tab is built to see the results of your actions. You can sort by clicking the header column on the right side of the screen. To clean up the data, first select the column you wish to clean, then select the operation option. The delete items without images & SalesRank options work without selecting a column.

Note: Please only select one operation option at a time, especially if you work with files of more than 2,000 rows (items).

Optimal Product Finder

Download Amazon Info | Clean Up / Sort data | Images

Load data from

File: Browse

From Amazon

Clean Up

Select columns:

Title	Manufacturer	ISBN
SalesRank	Part Number	Model
Description	ASIN	Buy URL

Select operation:

Delete items without image Delete items without SalesRank

Strip text within parenthesis (...)

Strip text within brackets [...]

Strip ALL HTML tags

Strip HTML tags (except
, <p>,)

Delete text: Amazon.com

Replace text: with:

Remove spaces if more than:

Align text:

Clean

Current data. Click on column header to order

Title	SalesRank	Description	Manufacturer	Part Num
Garmin Premium ...	2	This heart rate m...	Garmin	010-1099
Vehicle Power C...	3	GARMIN VEHIC...	Garmin	010-1085
Garmin Forerunn...	4	Forerunner 305, ...	GARMINUSA INC	FORERU
Garmin nüvi 255...	6	For peace of min...	Garmin	Nuvi 255\
CARRYING CAS...	11	CARRYING CAS...	Garmin	010-1110
Garmin Vehicle S...	12	Marketing descri...	Garmin	010-1110
Garmin nüvi 260...	13	Garmin's nüvi 26...	Garmin	Nuvi 260v
CABLE, AC ADA...	13	CABLE, AC ADA...	Garmin	010-1110
Garmin Forerunn...	14	Just when you th...	Garmin	010-0046
Garmin nüvi 780 ...	15	Amazon.com -- J...	Garmin	Nuvi 780
Garmin nüvi 265...	16		Garmin	NUVI 265
Garmin GPSSMap ...	16	Garmin GPSSMap ...	GARMINUSA INC	GPSMAP
Garmin iQue 360...	23	Every Garmin pro...	Garmin	010-1041
Garmin nüvi 650 ...	25	Go wide and ariv	Garmin	010-N054

Clear

Save As...

Next >>

Progress: Total items: 436 Search cancelled by user

4) Images:

Each of the functions (search / sorting & cleaning / images) can work together or autonomous (save / load CSV file).

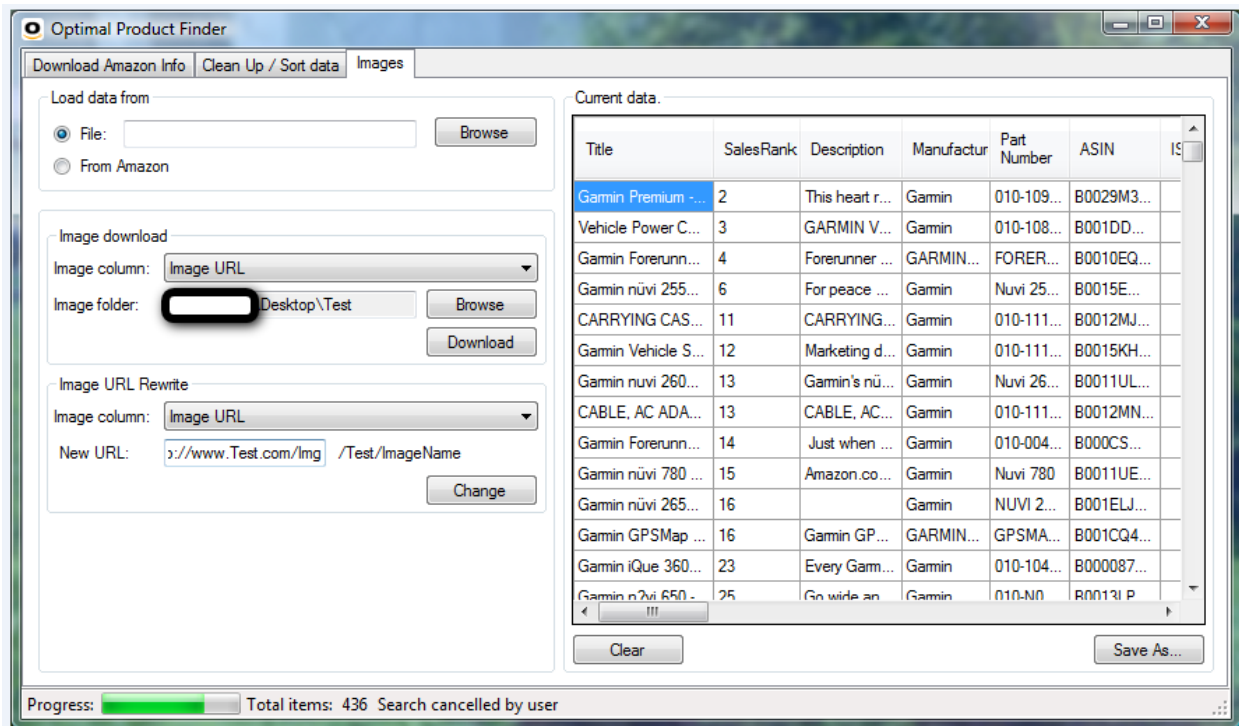
Optimal Product Finder allows the user to download Amazon product images and change the image URL.

First, select or create a folder where you want to save the images. The name of this folder will be part of the new URL structure, so name it carefully. Then, download the images. OPF only downloads large product images from Amazon.

To change the image URL, please define the URL where you will upload the image folder to.

Example:

If you are downloading product images for Garmin GPS, you may want to call the image folder GarminGPS. Optimal Product finder will now use GarminGPS/AmazonImageID.jpg as the second part of the URL structure. If you intend the final URL structure of the images to be <http://www.URL.com/images/GarminGPS/AmazonImageID.jpg> you would now specify <http://www.URL.com/images> as the first part of the image URL structure.



5) BrowseNodes Updates:

From time to time, Amazon US API updates their BrowseNodes IDs. Browse Nodes are responsible to call the correspondent product category.

Optimal Product Finder stores (by default) the BrowseNodes IDs in: C:\Program Files\Optimal Product Finder\BrowseNodes\RootBrowseNodes.xml.

While we will be sending out updated XML files from time to time, you can update the file by replacing the old ID numbers with new ones. You can find updated BrowseNode IDs at:

- [Amazon API Reference Guide: Browse Node IDs](#) Unfortunately, Amazon sometimes does not update the list for months.
- [BrowseNodes.com](#) Updated regularly, but sometimes has mistakes.

We recommend that you compare both sources to get the best results.

Please do not hesitate to contact us if you have any questions regarding Optimal Product Finder:
<http://www.optimalproductfinder.com/about-us/>