DOCUMENTATION
Google
Google Maps
Google Shopping
Google Videos
Google Images
Google Lens
Google News
Google Jobs
Google Autocomplete
Google Trends
Google Scholar
Google Finance
Google Patents
Bing
Baidu
Amazon Search
Amazon Product
Shein Search
Google Play Store
Apple App Store
DuckDuckGo
YouTube
Support APIs

Amazon Search API

Amazon Search API uses `/api/v1/search?engine=amazon_search` API endpoint to scrape real-time results.

The Amazon Search API lets developers tap into Amazon's huge product database. They can search for items, get sorted results based on relevance or reviews, and pull product details. It's like using Amazon's search, but for your own app or website.

API Parameters

Search Query

`q` Required

The parameter specifies your search query. It accepts any term or phrase you'd typically input in an Amazon search.

Localization

`amazon_domain` Optional

The default parameter `amazon.com` defines the Amazon domain of the search. Check the full list of supported Amazon domains.

`language` Optional

The `language` parameter is used to specify the display language of Amazon page. Check the full list of supported Amazon display languages.

Filters

`sh` Optional

This parameter filters search results based on specific criteria such as brand and ratings. You can find `sh` values either by calling the Amazon Search API or directly from an Amazon URL.
For example, to filter items rated 4 stars and above and within a specific price range, separate the values with a comma `,` and use the parameter like this: `?rh=p_72:24616189011,p_36:24616189011`. Here's how it might look in a URL: `https://www.amazon.com/s?keywords=ps4&rh=p_72:24616189011,p_36:24616189011`.

`sort_by` Optional

Parameter allows sorting search results by different criteria. Below is the list of available sorting options:

- `featured` - default sort order.
- `price_low_to_high`
- `price_high_to_low`
- `average_review` - sort by average customer reviews score.
- `newest_arrivals`
- `bestsellers`

`price_min` Optional

This parameter controls the minimum price of the products returned. For instance - `10` value would return products with a minimum price of `10`.

`price_max` Optional

This parameter controls the maximum price of the products returned. For instance - `20.5` value would return products with a maximum price of `20.5`.

Pagination

`page` Optional

The parameter determines the results page number. It defaults to `1`.

Engine

`engine` Required

Parameter defines an engine that will be used to retrieve real-time data. It must be set to `amazon_search`.

API key

`api_key` Required

The `api_key` authenticates your requests. Use it as a query parameter (`https://www.searchapi.io/api/v1/search?api_key=YOUR_API_KEY`) or in the Authorization header (`Bearer YOUR_API_KEY`).

API Examples

Full Response

GET

https://www.searchapi.io/api/v1/search?engine=amazon_search&q=Macbook+Pro

Request Python Requests

```
import requests

url = "https://www.searchapi.io/api/v1/search"
params = {
  "engine": "amazon_search",
  "q": "Macbook Pro"
}

response = requests.get(url, params = params)
print(response.text)
```

Response


```
{
  "search_metadata": {
    "id": "search_6z4KQqCqGzGf0MbOuyR1E0Bw",
    "created_at": "2025-01-22",
    "request_time_taken": 6.6012146,4372,
    "requests_time_taken": 2.18,
    "parsing_time_taken": 0.7,
    "total_time_taken": 7.3,
    "request_url": "https://www.amazon.com/s?k=M
    "html_url": "https://www.searchapi.io/api/v1/
    "raw_html_file": "https://www.searchapi.io/api/v1/
  },
  "search_parameters": {
    "engine": "amazon_search",
    "q": "Macbook Pro",
    "amazon_domain": "amazon.com"
  },
  "filters": {
    "sh": "p:Condition",
    "options": [
      {
        "type": "New",
        "rh": "n:172282,p_n_condition-type:2229
      },
      {
        "type": "Renewed",
        "rh": "n:172282,p_n_condition-type:1000
      },
      {
        "type": "Used",
        "rh": "n:172282,p_n_condition-type:2229
      }
    ]
  },
  "organic_results": [
    {
      "position": 1,
      "asin": "B0CW2ZXQQ2",
      "title": "2023 MacBook Pro Laptop M3 Pro ch
      "link": "https://www.amazon.com/Apple-MacBo
      "image": "https://
      "rating": 4.7,
      "reviews": 1,
      "recent_sales": "3k+ bought in past month",
      "price": "$1,799.00",
      "extracted_price": 1799,
      "original_price": "$1,994.00",
      "extracted_original_price": 1999,
      "delivery": "FREE delivery Tomorrow,
      "prime": true,
      "shipping": "FREE delivery Tomorrow,
      "date": "Tomorrow, May 6",
      "extracted_delivery": [
        {
        "text": "FREE delivery Mon, May 6",
        "type": "Or fastest delivery",
        "date": "Mon, May 6"
        },
        {
        "text": "Or fastest delivery Tomorrow,
        "type": "Or fastest delivery",
        "date": "Tomorrow, May 5"
        }
      ],
      "more_offers": {
        "lowest_price": "$1,781.91",
        "extracted_lowest_price": 1781.91,
        "offers_count": "(3) used & new offers",
        "offers_text": "",
        "description": "(3) used & new offers"
      },
      "attributes": {
        "screen": "",
        "name": "Display Size",
        "value": "14.2 inches"
      },
      "is_prime": true,
      "is_sponsored": true,
      "thumbnail": "https://m.media-amazon.com/i
    },
    {
      "position": 2,
      "asin": "B0CX8KNXHX",
      "title": "2023 MacBook Pro 14 inch, M3 Pro
      "link": "https://www.amazon.com/Apple-MacBo
      "image": "https://
      "rating": 4.7,
      "reviews": 1,
      "recent_sales": "3k+ bought in past month",
      "price": "$2,399.00",
      "extracted_price": 2399,
      "original_price": "$2,594.00",
      "extracted_original_price": 2599,
      "delivery": "FREE delivery Tomorrow,
      "prime": true,
      "shipping": "FREE delivery Tomorrow,
      "date": "Tomorrow, May 6",
      "extracted_delivery": [
        {
        "text": "FREE delivery Mon, May 6",
        "type": "Or fastest delivery",
        "date": "Mon, May 6"
        },
        {
        "text": "Or fastest delivery Tomorrow,
        "type": "Or fastest delivery",
        "date": "Tomorrow, May 5"
        }
      ],
      "more_offers": {
        "lowest_price": "$1,781.91",
        "extracted_lowest_price": 1781.91,
        "offers_count": "(3) used & new offers",
        "offers_text": "",
        "description": "(3) used & new offers"
      },
      "attributes": {
        "screen": "",
        "name": "Display Size",
        "value": "14.2 inches"
      },
      "is_prime": true,
      "is_sponsored": true,
      "thumbnail": "https://m.media-amazon.com/i
    },
    {
      "position": 3,
      "asin": "B0CX8KNXHX",
      "title": "2023 MacBook Pro 14 inch, M3 Pro
      "link": "https://www.amazon.com/s?k=Macbook+
      "image": "https://www.amazon.com/s?k=Macbook+P
      "image": "https://www.amazon.com/s?k=Macbook+P
    }
  ]
}
```


Organic Results - Consumables

GET

https://www.searchapi.io/api/v1/search?engine=amazon_search&q=Tortilla+Wraps&amazon_domain=amazon.com

Request Python Requests

```
import requests

url = "https://www.searchapi.io/api/v1/search"
params = {
  "engine": "amazon_search",
  "q": "Tortilla wraps"
}

response = requests.get(url, params = params)
print(response.text)
```

Response


```
{
  "organic_results": [
    {
      "position": 1,
      "asin": "B0CRHJ1L6K",
      "title": "Mama Lita's, Purified Water, 8 fl
      "link": "https://www.amazon.com/Mexican-Fo
      "image": "https://
      "rating": 4.7,
      "reviews": 3611,
      "recent_sales": "1k+ bought in past month
      "price": "$4.99",
      "extracted_price": 4.99,
      "original_price": "$4.99",
      "extracted_original_price": 4.99,
      "delivery": "FREE delivery",
      "prime": true,
      "unit": "1 Oz"
      "fulfillment": {
        "snowball_delivery": {
        "text": "FREE delivery on $15 unlimited
        "extracted_lowest_price": 15,
        "condition": "FREE delivery on $15 unlimi
        },
      "more_offers": {
        "lowest_price": "$1.11",
        "extracted_lowest_price": 1.11,
        "offers_count": "(2) used & new offers",
        "offers_text": "",
        "description": "(2) new offers"
        },
      "thumbnail": "https://m.media-amazon.com/i
    },
    {
    }
  ]
}
```


Organic Results - Videos

GET

https://www.searchapi.io/api/v1/search?engine=amazon_search&q=Fallout&amazon_domain=amazon.com&sort_by=relevance

Request Python Requests

```
import requests

url = "https://www.searchapi.io/api/v1/search"
params = {
  "engine": "amazon_search",
  "q": "Fallout"
}

response = requests.get(url, params = params)
print(response.text)
```

Response


```
{
  "organic_results": [
    {
      "position": 1,
      "asin": "B0BJ6QQ3Q",
      "title": "Fallout - Season 1",
      "link": "https://www.amazon.com/The-Trip-Ig
      "image": "https://
      "starring": [
        {
        "name": "Walton Goggins",
        "link": "https://www.amazon.com/s?ie
        },
        {
        "name": "Ella Purnell",
        "link": "https://www.amazon.com/s?ie
        },
        {
        "name": "Aaron Moten",
        "link": "https://www.amazon.com/s?ie
        }
      ],
      "directed_by": {
        {
        "name": "Jonathan Nolan",
        "link": "https://www.amazon.com/s?ie
        }
      ],
      "rating": 4.6,
      "reviews": 1,
      "media": "Prime Video",
      "is_prime_video": true,
      "thumbnail": "https://m.media-amazon.com/i
    },
    {
    }
  ]
}
```


Organic Results - Books

GET

https://www.searchapi.io/api/v1/search?engine=amazon_search&q=Harry+Potter&amazon_domain=amazon.com&sort_by=relevance

Request Python Requests

```
import requests

url = "https://www.searchapi.io/api/v1/search"
params = {
  "engine": "amazon_search",
  "q": "Harry Potter"
}

response = requests.get(url, params = params)
print(response.text)
```

Response


```
{
  "organic_results": [
    {
      "position": 1,
      "asin": "0439139597",
      "title": "Harry Potter Paperback Box Set (7
      "link": "https://www.amazon.com/Harry-Potte
      "image": "https://
      "author": "J. K. Rowling",
      "link": "https://www.amazon.com/s?i=stri
      },
      "rating": 4.8,
      "reviews": 7164,
      "recent_sales": "",
      "price": "$84.07",
      "extracted_price": 84.07,
      "original_price": "$99.00",
      "extracted_original_price": 100,
      "prices": [
        {
        "name": "Hardcover",
        "price": "$149.74",
        "extracted_price": 149.74,
        "original_price": "$159.97",
        "extracted_original_price": 159.97,
        "delivery": "",
        "extracted_delivery": [
        {
        "text": "FREE delivery Mon, May 6",
        "type": "Or fastest delivery",
        "date": "Mon, May 6"
        },
        {
        "text": "Or fastest delivery Tomorrow,
        "type": "Or fastest delivery",
        "date": "Tomorrow, May 5"
        }
        ],
        "more_offers": {
        "lowest_price": "$19.99",
        "extracted_lowest_price": 19.9,
        "link": "https://www.amazon.com/gp/offer
        "offers_count": "(9)",
        "description": "(24) used & new offers"
        },
      "other_formats": {
        {
        "name": "NOOK(EDN)",
        "title": "Audio CD",
        "link": "https://www.amazon.com/Harry-
        }
      ],
      "is_prime": true,
      "thumbnail": "https://m.media-amazon.com/i
    },
    {
    }
  ]
}
```