

Ajax Search Autocomplete - User Guide for Magento 2

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1. Introduction

The **Ajax Search Autocomplete** feature in Magento 2 provides an enhanced user experience by displaying product, category, and CMS search results in real-time as users type in the search bar. This guide explains how to configure and use the feature effectively.

2. Features Overview

- Real-time product search with Ajax.
 - Displays product name, SKU, image, price, and short description.
 - Supports direct 'Add to Cart' functionality from the search dropdown.
 - Shows search results for categories and CMS pages.
 - Provides popular search suggestions.
 - Customizable search settings from the admin panel.
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3. How to Configure Ajax Search Autocomplete

Follow these steps to configure Ajax Search Autocomplete:

1. **Login to Magento Admin Panel**
 2. Go to **Stores** → **Configuration** → **ArmMage Extensions** → **Ajax Search Autocomplete**.
 3. Adjust the settings as per your requirements.
 4. Click **Save Config** to apply the changes.
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4. Understanding Configuration Options

General Configurations

- **Enable Ajax Search:** Enable or disable the Ajax search functionality.
- **Search Delay:** Set a delay (in milliseconds) before displaying search results.
- **Custom Text for No Results:** Configure the message displayed when no search results are found.
- **Minimum Number of Characters to Search:** Set the minimum number of characters a user must enter to trigger the search.

Product Search Settings

- **Enable Product Search:** Enable product search results in the dropdown.
- **Maximum Number of Items Displayed:** Limit the number of product results.
- **Product Search Result Fields:** Select which fields to display (e.g., Product Name, SKU, Image, Price, etc.).
- **Maximum Number of Words for Product Description:** Limit the number of words shown in the product description.

Category Search Settings

- **Enable Category Search:** Show relevant categories in search results.
- **Maximum Number of Categories Displayed:** Limit the number of category results.

CMS Search Settings

- **Enable CMS Search:** Enable CMS page results like About Us or Contact Us.
- **Maximum Number of CMS Pages Displayed:** Set how many CMS pages will appear in the results.

Popular Suggestions Settings

- **Enable Popular Suggestions:** Display frequently searched terms as suggestions.
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5. Frontend User Experience

- Users can type keywords into the search bar.
 - Real-time search results will appear below the search bar.
 - Product details, including name, SKU, image, and price, will be displayed.
 - Users can add items directly to the cart using the "**Add to Cart**" button.
 - Popular search terms, categories, and CMS pages are displayed for easy access.
 - If no results are found, a customizable no-result message will appear.
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6. Troubleshooting

Search Results Not Displaying?

- Ensure the Ajax Search feature is enabled in the admin panel.
- Check the search delay and ensure it's not set too high.
- Confirm that products are correctly indexed by running:

```
php bin/magento indexer:reindex
```

- Clear cache using:

```
php bin/magento cache:flush
```

Incorrect Product Data Displayed?

- Verify the selected fields under **Product Search Result Fields**.
- Confirm the product data is accurate in the catalog.

Performance Issues?

- Reduce the number of items displayed by adjusting the **Maximum Number of Items Displayed**.
 - Increase server resources if the search traffic is high.
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7. Conclusion

The Ajax Search Autocomplete feature in Magento 2 enhances the user experience by providing instant search results. By following this guide, you can customize the search experience to meet your business needs and improve product discoverability. If you encounter further issues, consider checking Magento logs or contacting support.