amasty

See the way the Price per Unit for Magento 2 extension works.

Guide for Price per Unit for Magento 2

Automatically calculate and display unit prices (base prices) for products in your Magento 2 store. Comply with the pricing requirements of your local law and help customers make fast and informed purchases.

- Choose from 3 default units or create custom ones
- Apply units to specific products
- Show 'price per unit' blocks on product, category, and shopping cart pages
- Customize the format of the 'price per unit' block display
- WCAG Compliance (for Luma and Hyva Themes)

Magento 2 Price Per Unit extension is compatible with **Hyvä Theme** and **Hyvä Checkout**. You can find the corresponding **amasty/module-price-per-unit-hyva** and **amasty/module-price-per-unit-hyva-checkout** packages for installing in composer suggest (Note: these compatibilities are available as part of an active product subscription or support subscription).

General Settings

To start configuring the extension, please navigate to **Stores → Configuration → Amasty Extensions → Price per Unit → General**.

General

Enable Price per Unit - Set to **Yes** to enable the extension and allow unit price display.

Please note that Magento 2 Price Per Unit extension:

- enables the display of unit prices for **simple**, **virtual**, **downloadable**, and configurable products;
- allows the display of unit prices for **grouped** products, however, it is **necessary** to configure the settings in the *Unit Price* tab on the edit page of each individual product included in the the grouped product. There is no *Unit Price* tab available on the edit page of the grouped product itself;
- **does not support** displaying unit prices for **bundle** products.

The extension takes into account special prices and catalog price rules applied to an actual selling product price when calculating the unit price.

Display Price per Unit on - select store pages and locations where you would like to display unit prices for products:

- Product Pages
- Category Pages
- Shopping Cart Page
- Mini Cart
- Checkout Page

This extension is compatible with the **One Step Checkout for Magento 2** extension by Amasty,

which includes its own *Show Unit Price* setting aimed at displaying the price per one product item on checkout. If you enable the price per unit display on the checkout page using the Price per Unit extension and simultaneously activate the *Show Unit Price* option in the One Step Checkout extension, both price per unit and price per item options will be shown on checkout.

Price per Unit Display for Configurable Products

The Price Per Unit extension enables you to calculate and display unit prices individually for each **simple (child)** option within a **configurable (parent)** product, considering the actual prices and the *Unit Price* tab setup on the edit page of each simple product.

Important: To enable price per unit display for the simple (child) products on the frontend, it is **necessary** to configure the settings not only in the *Unit Price* tabs on the edit pages of the simple (child) products but also in the *Unit Price* tab on the edit page of the configurable (parent) product

they are linked with.

If you have numerous configurable products and enable the display of price per unit on category pages, please be aware that it may affect your store's performance.

Units Grid

You can conveniently view, manage, and create units all in one place. To access the Unit Grid, navigate to **Catalog → Price per Unit → Units**.

After enabling the extension, the grid includes three commonly used metrics (weight, lengths, volume) by default:

- Grams/Kilograms;
- Milliliters/Liters;
- Centimeters/Meters.

You also have the flexibility to create custom metrics as needed (e.g. Pounds/Kilograms, Ounces/Pounds, Feet/Inches, Gallon/fl oz, etc.). Simply click the **Add New** button to create a new measurement unit or click Edit in the **Action** column to modify an existing one.

Create and Edit Units

After clicking the **Add New** button on the Units Grid, you'll need to fill in the following settings:

Edit Unit

🔍　👤 admin ▾

← Back　Delete　Save and Continue Edit　**Save**

> ℹ️ The unit price of a product will be calculated using the following formula: ((product_price / product_amount) * conversion_rate) * reference_amount. Please see usage example.

Unit Name *
Grams/Kilograms

Product Unit Measure
Gr
Specify the unit of measurement for the product.

Reference Unit *
Kg
Specify the reference unit of unit price measurement to which the price should be calculated.

Reference Amount *
1
Specify the reference amount of measurement used for calculating the price per unit.

Conversion Rate *
1000
Specify the ratio of product units to reference unit.

Price per Unit Text *
{{unit_price}} / {{reference_amount}} {{reference_unit}}
Specify the format in which you want to display the product's unit price on the product, listing and cart pages. You can use the following variables: {{unit_price}} , {{reference_amount}}, {{reference_unit}}, {{measure_unit}}, {{product_amount}}, {{product_price}}.

Unit Name - provide the name of the future unit in a clear way to easily identify it when setting to products.

Product Unit Measure - specify the unit of measurement for the product.

Reference Unit - specify the reference unit for unit price measurement to which the price should be calculated.

Reference Amount - specify the reference amount of measurement used for calculating the price per unit.

Conversion Rate - specify the ratio of product units to the reference unit.

The decimal numbers can also be used.

amasty

Price Per Unit Text - define the format of the unit price display on product, category, and shopping cart pages.

Template that is used by default:

```
{{unit_price}} / {{reference_amount}} {{reference_unit}}
```


Feel free to combine these variables:

```
{{unit_price}}, {{reference_amount}}, {{reference_unit}}, {{measure_unit}},
{{product_amount}}, {{product_price}}.
```

Also, you can add extra words and symbols between variables to customize the default template according to your needs.

Customized template (example):

```
equals {{unit_price}} per {{reference_amount}} {{reference_unit}}
```


Unit Creation Examples

To better understand the process of unit creation, we recommend checking out the examples below.

Let's imagine that you sell:

1. 'Whey Protein' supplement weight of **450 Gr** for **$14.49** and want to indicate its price per unit **(1 Kg)**

In this case:

- Product Unit Measure- **Grams**
- Product Amount - **450** (for indication in the Unit Price tab on the product edit page)
- Product Price - **$14.49**
- Reference Unit - **Kilograms**
- Reference Amount - **1**
- Conversion Rate - **1000** (1000 Gr = 1 Kg).

2. Vitamin B Complex **120 pills** pack for **$21.99** and want to indicate price per unit **(1 count)**

In this case:

- Product Unit Measure - **Count**
- Product Amount - **120** (for indication in the Unit Price tab on the product edit page)
- Product Price - **$21.99**
- Reference Unit - **Count**
- Reference Amount - **1**
- Conversion Rate - **1**

Unit Price Calculation Formula

For a unit price automatic calculation, the extension utilizes the formula: **((product_price / product_amount) * conversion_rate) * reference_amount**.

Let's plug in the values from our examples:

- (($14.49/450 Gr)*1000)*1 = **$32.20 per 1 Kg**
- (($21.99/120 Counts)*1)*1 = **$0.18 per 1 Count**

You can see the mentioned examples in action by visiting the extension's demo.

Assigning Units to Products

To assign units to a specific product please go to **Catalog → Products** and open the necessary product. Then scroll to the bottom of the edit page and expand the **Unit Price** tab.

Unit Price ✏️

Product Measuring Unit   Grams/Kilograms   ▼
[global]

Product Amount   450
[global]

Product Measuring Unit - select one of the pre-created units from the dropdown.

Product Amount - specify the amount of a particular product.

Whey Protein 450 Gr

Scope: All Store Views ▼   ❓   ← Back   **Add Attribute**

Enable Product   🟢 Yes
[website]

Attribute Set   Gear   ▼

Product Name *   Whey Protein 450 Gr
[store view]

Configuring Tier Prices

The extension supports Tier Prices, and the Unit Price can be displayed for each price level.

Nitro Tech Amino Acids Mix 5 lbs

Be the first to review this product

$59.99

equals $26.45 / 1 Kg

IN STOCK

SKU#: SUP-03

Buy 10 for $53.99 each and **save 10%**
equals $23.81 / 1 Kg

Buy 15 for $47.99 each and **save 20%**
equals $21.16 / 1 Kg

Qty

1

Add to Cart

To assign Tier prices, navigate to **Product → Price → Advanced Pricing**.

Enable Product
[website]   Yes

Attribute Set   Gear

Product Name *   Nitro Tech Amino Acids Mix 5 lbs
[store view]

SKU *   SUP-03
[global]

Price * $ 59.99
[global]

Advanced Pricing

Here you can configure the prices and discounts.

Frontend Examples

See how the unit/base price block looks on different store pages.

Product Page

Category Page

Supplements

Shopping Options	4 Items Sort By [Position ▾]

Shopping Options

ACTIVITY ⌄

COLOR ⌄

ECO COLLECTION ⌄

ERIN RECOMMENDS ⌄

NEW ⌄

PERFORMANCE FABRIC ⌄

PRICE ⌄

Whey Protein 450 Gr
$14.49
$32.20 / 1 Kg

Whey Protein 900 Gr
$32.39
$35.99 / 1 Kg

Nitro Tech Amino Acids Mix 5 lbs
$59.99
equals $26.45 per 1 Kg

Vitamin B 120 pills pack
$21.99
equals $0.18 per 1 Count

Shopping Cart Page

REST API Support

The Price per Unit extension includes API support, allowing store admins to perform CRUD actions on unit prices:

- "/V1/amastyPricePerUnit/management/entityData" method=**"POST"** - to create unit prices;
- "/V1/amastyPricePerUnit/management/entityData/:entityId" method=**"DELETE"** - to delete unit prices;
- "/V1/amastyPricePerUnit/management/entityData:id" method=**"GET"** - to retrieve data about a specific unit price;
- "/V1/amastyPricePerUnit/management/entityData/all" method=**"GET"** - to obtain the full list of available unit prices on the instance;
- "/V1/amastyPricePerUnit/product/calculate" method=**"GET"** - to get the unit price of a particular product.

Find out how to install Price Per Unit for Magento 2 via Composer.

From:
https://amasty.com/docs/ - **Amasty Extensions FAQ**

Permanent link:
https://amasty.com/docs/doku.php?id=magento_2:price_per_unit

Last update: **2025/04/14 10:46**