

# Update Product Endpoint

## Structure

### Product

| Name                                      | Type      | Description                                                             | Required |
|-------------------------------------------|-----------|-------------------------------------------------------------------------|----------|
| <code>name</code>                         | string    | The name of the product                                                 | No       |
| <code>manufacturer</code>                 | string    | The manufacturer of the product                                         | No       |
| <code>summary</code>                      | string    | The summary of the product                                              | No       |
| <code>description</code>                  | string    | The description of the product                                          | No       |
| <code>active</code>                       | boolean   | Whether the product is active                                           | No       |
| <code>visible</code>                      | boolean   | Whether the product is visible                                          | No       |
| <code>attribute_groups_to_split_by</code> | array     | An array of attribute group names to split listings by (e.g., ["Size"]) | No       |
| <code>published_at</code>                 | timestamp | When the product was published                                          | No       |
| <code>images</code>                       | array     | An array of <a href="#">Image</a> objects                               | No       |
| <code>categories</code>                   | array     | An array of <a href="#">Category</a> objects                            | No       |
| <code>tags</code>                         | array     | An array of <a href="#">Tag</a> objects                                 | No       |
| <code>variants</code>                     | array     | An array of <a href="#">Variant</a> objects                             | No       |
| <code>seo</code>                          | object    | A <a href="#">SEO</a> object                                            | No       |
| <code>settings</code>                     | object    | A <a href="#">Settings</a> object with grouped key-value pairs          | No       |
| <code>additional_attributes</code>        | array     | An array of <a href="#">Additional Attribute</a> objects                | No       |

|                                     |       |                                                         |    |
|-------------------------------------|-------|---------------------------------------------------------|----|
| <code>specifications</code> *       | array | An array of <a href="#">Specification</a> objects       | No |
| <code>specification_groups</code> * | array | An array of <a href="#">Specification Group</a> objects | No |
| <code>upsells</code>                | array | An array of <a href="#">Upsell</a> objects              | No |
| <code>related_listings</code>       | array | An array of <a href="#">Related Listing</a> objects     | No |

\* `specifications` is if using `<1.0.0` version of `aerocargo/specifications`, otherwise use `specification_groups`.

## Category

| Name              | Type   | Description                                                        | Required |
|-------------------|--------|--------------------------------------------------------------------|----------|
| <code>name</code> | string | The category name or breadcrumb (e.g., "Coats" or "Mens > "Coats") | Yes      |

## Variant

| Name                      | Type    | Description                                         | Required |
|---------------------------|---------|-----------------------------------------------------|----------|
| <code>sku</code>          | string  | The <b>unique</b> SKU for the variant to be updated | Yes      |
| <code>reference</code>    | string  | The <b>unique</b> reference for the variant         | No       |
| <code>name</code>         | string  | Display name of the variant                         | No       |
| <code>summary</code>      | string  | A short summary of the variant                      | No       |
| <code>description</code>  | string  | A detailed description of the variant               | No       |
| <code>barcode</code>      | string  | The barcode/UPC/EAN of the variant                  | No       |
| <code>buyable</code>      | boolean | Whether the variant can be purchased                | No       |
| <code>visible</code>      | boolean | Whether the variant is visible in listings          | No       |
| <code>shippable</code>    | boolean | Whether the variant is shippable                    | No       |
| <code>discountable</code> | boolean | Whether discounts can be applied to this variant    | No       |

|                                    |         |                                                                       |    |
|------------------------------------|---------|-----------------------------------------------------------------------|----|
| <code>hide_when_no_stock</code>    | boolean | Whether the variant should be hidden when out of stock                | No |
| <code>infinite_stock</code>        | boolean | Whether the variant has unlimited stock                               | No |
| <code>stock_level</code>           | int     | Current stock level                                                   | No |
| <code>stock_buffer</code>          | int     | The stock buffer                                                      | No |
| <code>stock_action</code>          | string  | The stock action (e.g., set, add, remove & multiply). Defaults to set | No |
| <code>tax_group</code>             | string  | The tax group applied to the variant                                  | No |
| <code>minimum_quantity</code>      | int     | Minimum quantity per purchase                                         | No |
| <code>maximum_quantity</code>      | int     | Maximum quantity per purchase                                         | No |
| <code>multiples_of</code>          | int     | Purchasable only in multiples of this number                          | No |
| <code>weight</code>                | float   | Weight of the variant                                                 | No |
| <code>weight_unit</code>           | string  | Unit of weight (e.g., <code>kg</code> , <code>lb</code> )             | No |
| <code>volume</code>                | float   | Volume of the variant                                                 | No |
| <code>volume_unit</code>           | string  | Unit of volume (e.g., <code>m^3</code> , <code>cm^3</code> )          | No |
| <code>hs</code>                    | string  | HS (Harmonized System) code for customs                               | No |
| <code>origin_country</code>        | string  | ISO country code of origin (e.g., <code>US</code> , <code>GB</code> ) | No |
| <code>goods_description</code>     | string  | Description of goods for customs                                      | No |
| <code>tags</code>                  | array   | An array of <a href="#">Tag</a> objects                               | No |
| <code>cost</code>                  | object  | The <a href="#">Cost Price</a> of the variant                         | No |
| <code>prices</code>                | array   | An array of <a href="#">Price</a> objects                             | No |
| <code>additional_attributes</code> | array   | An array of <a href="#">Additional Attribute</a> objects              | No |
| <code>specifications</code> *      | array   | An array of <a href="#">Specification</a> objects                     | No |

|                                     |       |                                                         |    |
|-------------------------------------|-------|---------------------------------------------------------|----|
| <code>specification_groups</code> * | array | An array of <a href="#">Specification Group</a> objects | No |
| <code>upsells</code>                | array | An array of <a href="#">Upsell</a> objects              | No |

## Tag

| Name               | Type   | Description                                  | Required |
|--------------------|--------|----------------------------------------------|----------|
| <code>name</code>  | string | The name of the tag (e.g., "Small" or "Red") | Yes      |
| <code>group</code> | object | The <a href="#">Tag Group</a> of the tag     | Yes      |

## Tag Group

| Name              | Type   | Description                                          | Required |
|-------------------|--------|------------------------------------------------------|----------|
| <code>name</code> | string | The name of the tag group (e.g., "Size" or "Colour") | Yes      |

## Image

| Name                    | Type    | Description                                                            | Required |
|-------------------------|---------|------------------------------------------------------------------------|----------|
| <code>src</code>        | string  | The source url of the image                                            | Yes      |
| <code>alt</code>        | string  | Alt text for accessibility and SEO                                     | No       |
| <code>is_default</code> | boolean | Whether this is a default image                                        | No       |
| <code>position</code>   | int     | Sort order position of the image                                       | No       |
| <code>attributes</code> | array   | An array of <a href="#">Attribute</a> objects that apply to this image | No       |

## Attribute

| Name               | Type   | Description                                                     | Required |
|--------------------|--------|-----------------------------------------------------------------|----------|
| <code>name</code>  | string | The name of the attribute (e.g., "Small" or "Red")              | Yes      |
| <code>tags</code>  | array  | An array of <a href="#">Tag</a> objects linked to the attribute | No       |
| <code>group</code> | object | The <a href="#">Attribute Group</a> of the attribute            | Yes      |

## Attribute Group

| Name              | Type   | Description                                              | Required |
|-------------------|--------|----------------------------------------------------------|----------|
| <code>name</code> | string | The name of the attribute group (e.g., "Size", "Colour") | Yes      |

## Cost Price

| Name                  | Type   | Description                                               | Required |
|-----------------------|--------|-----------------------------------------------------------|----------|
| <code>amount</code>   | float  | The cost price <b>including tax</b>                       | Yes      |
| <code>currency</code> | string | Currency code (defaults to store default if not provided) | No       |

## Price

| Name                      | Type      | Description                                                | Required |
|---------------------------|-----------|------------------------------------------------------------|----------|
| <code>price</code>        | float     | The base price <b>including tax</b>                        | Yes      |
| <code>sale_price</code>   | float     | The sale price <b>including tax</b>                        | No       |
| <code>retail_price</code> | float     | The retail price <b>including tax</b>                      | No       |
| <code>quantity</code>     | int       | Quantity required for this price tier (default: 1)         | No       |
| <code>currency</code>     | string    | Currency code (defaults to store default)                  | No       |
| <code>start_at</code>     | timestamp | When this price becomes active (e.g., 2023-09-01 09:29:41) | No       |
| <code>end_at</code>       | timestamp | When this price expires                                    | No       |
| <code>reference</code>    | string    | The <b>unique</b> reference for the price                  | No       |

## SEO

| Name                          | Type   | Description              | Required |
|-------------------------------|--------|--------------------------|----------|
| <code>heading</code>          | string | The SEO Heading          | No       |
| <code>page_title</code>       | string | The SEO Page Title       | No       |
| <code>meta_description</code> | string | The SEO Meta Description | No       |

|                        |         |                   |    |
|------------------------|---------|-------------------|----|
| <code>canonical</code> | string  | The SEO Canonical | No |
| <code>noindex</code>   | boolean | The SEO No Index  | No |
| <code>nofollow</code>  | boolean | The SEO No Follow | No |

## Settings

Settings are grouped as key-value pairs.

- Use "\_" for ungrouped settings.
- Each group contains its own object of key-value pairs.

```
{
  "settings": {
    "_": {
      "no_group": "value"
    },
    "group": {
      "key": "value"
    }
  }
}
```

## Additional Attribute

| Name               | Type   | Description                           | Required |
|--------------------|--------|---------------------------------------|----------|
| <code>key</code>   | string | The key of the additional attribute   | Yes      |
| <code>value</code> | string | The value of the additional attribute | Yes      |

## Specification

| Name                    | Type   | Description                               | Required |
|-------------------------|--------|-------------------------------------------|----------|
| <code>group.name</code> | string | The name of the specification group       | Yes      |
| <code>name</code>       | string | The name of the specification             | *        |
| <code>value</code>      | string | The value of the specification            | No       |
| <code>media</code>      | array  | An array of <a href="#">Media</a> objects | *        |

\* At least one must be present.

This is only for <1.0.0 version of aerocargo/specifications . See Specification Group for 1.x structure.

## Specification Group

| Name     | Type   | Description                                                    | Required |
|----------|--------|----------------------------------------------------------------|----------|
| id       | int    | The id of the specification group                              | *        |
| name     | string | The name of the specification group                            | *        |
| fields   | array  | An array of <a href="#">Field</a> objects                      | No       |
| media    | array  | An array of <a href="#">Media</a> objects                      | No       |
| settings | object | A <a href="#">Settings</a> object with grouped key-value pairs | No       |

\* At least one must be present.

This is only for >=1.0.0 version of aerocargo/specifications . See Specification for 0.x structure.

## Specification Group Field

| Name     | Type   | Description                                                    | Required |
|----------|--------|----------------------------------------------------------------|----------|
| id       | int    | The id of the specification group field                        | *        |
| name     | string | The name of the specification group field                      | *        |
| value    | string | The value of the specification group field                     | No       |
| media    | array  | An array of <a href="#">Media</a> objects                      | No       |
| settings | object | A <a href="#">Settings</a> object with grouped key-value pairs | No       |

\* At least one must be present.

## Media

| Name                | Type   | Description                            | Required |
|---------------------|--------|----------------------------------------|----------|
| <code>id</code>     | int    | The id of the media                    | *        |
| <code>source</code> | string | The source of the media, e.g. test.png | *        |

## Upsell

| Name                    | Type   | Description                                                             | Required |
|-------------------------|--------|-------------------------------------------------------------------------|----------|
| <code>group.name</code> | string | The upsell group name                                                   | No       |
| <code>attributes</code> | array  | An array of <a href="#">Attribute</a> objects that the upsell shows for | No       |
| <code>models</code>     | array  | And array of models for the upsell                                      | No       |
| <code>skus</code>       | array  | And array of SKUs for the upsell                                        | No       |

## Related Listing

| Name                    | Type   | Description                               | Required      |
|-------------------------|--------|-------------------------------------------|---------------|
| <code>id</code>         | int    | The id of the listing                     | Conditional * |
| <code>variant_id</code> | int    | The id of the variant (of the listing)    | Conditional * |
| <code>sku</code>        | string | The SKU of the variant (of the listing)   | Conditional * |
| <code>product_id</code> | int    | The id of the product (of the listing)    | Conditional * |
| <code>model</code>      | string | The model of the product (of the listing) | Conditional * |

\* At least one must be present, resolved in the order they are listed top-down.

## Example Requests

### Update Basic Product Details

```
PUT /api/products/{id|model}
```

```
{
  "name": "Detachable Sleeve Puffer Jacket v2",
  "manufacturer": "Burberry v2",
  "summary": "A lightweight puffer with removable sleeves.",
  "description": "This updated puffer jacket offers versatility with detachable sleeves, premium fill, and water-resistant fabric.",
  "active": true,
  "visible": true
}
```

## Add Categories to Product

PUT /api/products/{id|model}

```
{
  "categories": [
    {
      "name": "Mens > Jackets",
    },
    {
      "name": "Winter Collection"
    }
  ]
}
```

## Add Tags to Product

PUT /api/products/{id|model}

```
{
  "tags": [
    {
      "group": {
        "name": "Colour"
      },
      "name": "Indigo"
    }
  ]
}
```

```
    },
    {
      "group": {
        "name": "Season"
      },
      "name": "Winter 2023"
    }
  ]
}
```

## Update Variant by Sku

PUT /api/products/{id|model}

```
{
  "variants": [
    {
      "sku": "9021182-S",
      "stock_level": 50,
      "buyable": true,
      "tags": [
        {
          "group": {
            "name": "Style"
          },
          "name": "Casual"
        }
      ],
      "prices": [
        {
          "price": 199.99,
          "sale_price": 179.99,
          "currency": "GBP"
        }
      ],
      "cost": {
        "amount": 350,
        "currency": "GBP"
      }
    }
  ]
}
```

```
    }
  }
]
}
```

## Update Images

PUT /api/products/{id|model}

```
{
  "images": [
    {
      "src": "https://picsum.photos/seed/front/600/400",
      "alt": "Front view of detachable sleeve puffer jacket",
      "is_default": true,
      "position": 1
    },
    {
      "src": "https://picsum.photos/seed/back/600/400",
      "alt": "Back view of detachable sleeve puffer jacket",
      "position": 2
    }
  ]
}
```

## Update Product SEO & Settings

PUT /api/products/{id|model}

```
{
  "seo": {
    "heading": "Detachable Sleeve Puffer Jacket",
    "page_title": "Men's Detachable Sleeve Puffer Jacket | Burberry",
    "meta_description": "Shop the Burberry detachable sleeve puffer jacket – versatile winterwear with premium fill and removable sleeves.",
    "canonical": "https://shop.example.com/mens/detachable-sleeve-puffer",
  }
}
```

```
    "noindex": false,
    "nofollow": false
  },
  "settings": {
    "_": {
      "featured": "true"
    },
    "shipping": {
      "oversized": "false"
    }
  }
}
```

You can use `PUT /api/products?model=model` if your model is numeric and might clash with an `id`.

## Example Response

```
{
  "product": {
    "id": 1
  }
}
```

Revision #2

Created 2026-10-01 07:33:59 UTC by Ethan Payne

Updated 2026-10-01 08:02:34 UTC by Ethan Payne