

Create Product Endpoint

Structure

Product

Name	Type	Description	Required
<code>id</code>	int	The id for the product	No
<code>model</code>	string	The unique model identifier for the product	Yes
<code>name</code>	string	The display name of the product	Yes
<code>manufacturer</code>	string	The manufacturer/brand of the product	No
<code>summary</code>	string	A short summary of the product	No
<code>description</code>	string	A detailed description of the product	No
<code>active</code>	boolean	Whether the product is active (available for purchase)	No
<code>visible</code>	boolean	Whether the product is visible in the storefront	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 Image objects	No
<code>categories</code>	array	An array of Category objects	No
<code>tags</code>	array	An array of Tag objects	No
<code>variants</code>	array	An array of Variant objects	Yes
<code>seo</code>	object	A SEO object	No

<code>settings</code>	object	A Settings object with grouped key-value pairs	No
<code>additional_attributes</code>	array	An array of Additional Attribute objects	No
<code>specifications</code> *	array	An array of Specification objects	No
<code>specification_groups</code> *	array	An array of Specification Group objects	No
<code>upsells</code>	array	An array of Upsell objects	No
<code>related_listings</code>	array	An array of Related Listing 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>id</code>	int	The id for the variant	No
<code>sku</code>	string	The unique SKU for the variant	Yes
<code>reference</code>	string	The unique 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

barcode	string	The barcode/UPC/EAN of the variant	No
buyable	boolean	Whether the variant can be purchased	No
visible	boolean	Whether the variant is visible in listings	No
shippable	boolean	Whether the variant is shippable	No
discountable	boolean	Whether discounts can be applied to this variant	No
hide_when_no_stock	boolean	Whether the variant should be hidden when out of stock	No
infinite_stock	boolean	Whether the variant has unlimited stock	No
stock_level	int	Current stock level	No
stock_buffer	int	The stock buffer	No
tax_group	string	The tax group applied to the variant	No
minimum_quantity	int	Minimum quantity per purchase	No
maximum_quantity	int	Maximum quantity per purchase	No
multiples_of	int	Purchasable only in multiples of this number	No
weight	float	Weight of the variant	No
weight_unit	string	Unit of weight (e.g., kg, lb)	No
volume	float	Volume of the variant	No
volume_unit	string	Unit of volume (e.g., m ³ , cm ³)	No
hs	string	HS (Harmonized System) code for customs	No

origin_country	string	ISO country code of origin (e.g., <code>US</code> , <code>GB</code>)	No
goods_description	string	Description of goods for customs	No
attributes	array	An array of Attribute objects	If product has variants
tags	array	An array of Tag objects	No
cost	object	The Cost Price of the variant	No
prices	array	An array of Price objects	Yes
additional_attributes	array	An array of Additional Attribute objects	No
specifications *	array	An array of Specification objects	No
specification_groups *	array	An array of Specification Group objects	No
upsells	array	An array of Upsell objects	No

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

Attribute

Name	Type	Description	Required
name	string	The name of the attribute (e.g., "Small" or "Red")	Yes
tags	array	An array of Tag objects linked to the attribute	No
group	object	The Attribute Group of the attribute	Yes

Attribute Group

Name	Type	Description	Required
name	string	The name of the attribute group (e.g., "Size", "Colour")	Yes

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 Tag Group 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 Attribute objects that apply to this image	No

Cost Price

Name	Type	Description	Required
<code>amount</code>	float	The cost price including tax	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 including tax	Yes

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

SEO

Name	Type	Description	Required
heading	string	The SEO Heading	No
page_title	string	The SEO Page Title	No
meta_description	string	The SEO Meta Description	No
canonical	string	The SEO Canonical	No
noindex	boolean	The SEO No Index	No
nofollow	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
key	string	The key of the additional attribute	Yes
value	string	The value of the additional attribute	Yes

Specification

Name	Type	Description	Required
group.name	string	The name of the specification group	Yes
name	string	The name of the specification	*
value	string	The value of the specification	No
media	array	An array of Media objects	*

* At least one must be present, furthermore if the group doesn't exist and is to be created you must provide at least one field for it.

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 Field objects	Yes
media	array	An array of Media objects	No
settings	object	A Settings 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
<code>id</code>	int	The id of the specification group field	*
<code>name</code>	string	The name of the specification group field	*
<code>value</code>	string	The value of the specification group field	Yes
<code>media</code>	array	An array of Media objects	No
<code>settings</code>	object	A Settings 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	*

* At least one must be present.

Upsell

Name	Type	Description	Required
<code>group.key</code>	string	The upsell group key	Yes
<code>attributes</code>	array	An array of Attribute 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
id	int	The id of the listing	Conditional *
variant_id	int	The id of the variant (of the listing)	Conditional *
sku	string	The SKU of the variant (of the listing)	Conditional *
product_id	int	The id of the product (of the listing)	Conditional *
model	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

Simple Product (One variant without any attributes)

POST /api/products

```
{
  "model": "9021182",
  "name": "Detachable Sleeve Puffer Jacket",
  "manufacturer": "Burberry",
  "categories": [
    {
      "name": "Mens > Coats > Padded Coats"
    }
  ],
  "summary": "Summary",
  "description": "Description",
  "active": true,
  "visible": true,
  "images": [
    {
```

```
        "src": "https://picsum.photos/seed/first/600/400",
        "is_default": true
    }
],
"variants": [
    {
        "sku": "9021182",
        "barcode": "abc123",
        "stock_level": 5,
        "prices": [
            {
                "currency": "GBP",
                "price": 790,
                "quantity": 1
            }
        ],
        "tax_group": "Taxable Product"
    }
],
"tags": [
    {
        "group": {
            "name": "Colour"
        },
        "name": "Blue"
    }
],
"seo": {
    "heading": "test heading",
    "page_title": "test page title",
    "meta_description": "test meta description",
    "noindex": 0,
    "nofollow": 0
},
"additional_attributes": [
    {
        "key": "test_name",
        "value": "test_value"
    }
]
```

```
]
}
```

Variant Product (Multiple variants with shared attribute matrix structure)

POST /api/products

```
{
  "model": "9021182",
  "name": "Detachable Sleeve Puffer Jacket",
  "manufacturer": "Burberry",
  "categories": [
    {
      "name": "Mens > Coats > Padded Coats"
    }
  ],
  "summary": "Outer: Leather 100%, Polyamide 100%\nLining: Polyester 100%, Goose Down 90%, Wool 70%, Polyamide 20%, Cashmere 10%, Feather 10%",
  "description": "A quintessentially British brand, Burberry creates iconic designs that seamlessly infuse their rich heritage with a contemporary aesthetic. This deep blue wool and cashmere blend detachable sleeve puffer jacket from Burberry features a hood, a high standing collar, a zip and press stud fastening, detachable long sleeves, a contrast logo patch to one side, zipped side slit pockets and a puffer style.",
  "images": [
    {
      "src": "https://picsum.photos/seed/first/600/400",
      "is_default": "1"
    },
    {
      "src": "https://picsum.photos/seed/second/600/400",
      "is_default": "1"
    },
    {
      "src": "https://picsum.photos/seed/third/600/400",
      "is_default": "1"
    },
    {
```

```
"src": "https://picsum.photos/seed/fourth/600/400",
"is_default": "1",
"attributes": [
  {
    "group": {
      "name": "Size"
    },
    "name": "Small"
  }
]
},
],
"variants": [
  {
    "sku": "9021182-S",
    "stock_level": "5",
    "prices": [
      {
        "currency": "GBP",
        "price": "790",
        "quantity": 1
      }
    ],
    "tax_group": "Taxable Product",
    "attributes": [
      {
        "group": {
          "name": "Size"
        },
        "name": "Small",
        "tags": [
          {
            "group": {
              "name": "Size"
            },
            "name": "Small"
          }
        ]
      }
    ]
  }
]
```

```
    ],
    "stock_buffer": 0,
    "minimum_quantity": 1,
    "multiples_of": 1
  },
  {
    "sku": "9021182-M",
    "stock_level": "5",
    "prices": [
      {
        "currency": "GBP",
        "price": "790",
        "quantity": 1
      }
    ],
    "tax_group": "Taxable Product",
    "attributes": [
      {
        "group": {
          "name": "Size"
        },
        "name": "Medium",
        "tags": [
          {
            "group": {
              "name": "Size"
            },
            "name": "Medium"
          }
        ]
      }
    ],
    "stock_buffer": 0,
    "minimum_quantity": 1,
    "multiples_of": 1
  },
  {
    "sku": "9021182-L",
    "stock_level": "5",
```

```
"prices": [  
  {  
    "currency": "GBP",  
    "price": "790",  
    "quantity": 1  
  }  
,  
  "tax_group": "Taxable Product",  
  "attributes": [  
    {  
      "group": {  
        "name": "Size"  
      },  
      "name": "Large",  
      "tags": [  
        {  
          "group": {  
            "name": "Size"  
          },  
          "name": "Large"  
        }  
      ]  
    }  
,  
    "stock_buffer": 0,  
    "minimum_quantity": 1,  
    "multiples_of": 1  
  ],  
  {  
    "sku": "9021182-XL",  
    "stock_level": "5",  
    "prices": [  
      {  
        "currency": "GBP",  
        "price": "790",  
        "quantity": 1  
      }  
    ],  
    "tax_group": "Taxable Product",
```

```
    "attributes": [
      {
        "group": {
          "name": "Size"
        },
        "name": "Extra Large",
        "tags": [
          {
            "group": {
              "name": "Size"
            },
            "name": "Extra Large"
          }
        ]
      }
    ],
    "stock_buffer": 0,
    "minimum_quantity": 1,
    "multiples_of": 1
  }
],
"tags": [
  {
    "group": {
      "name": "Colour"
    },
    "name": "Blue"
  }
],
"active": true,
"visible": true,
"hide_when_no_stock": false,
"seo": {
  "heading": "test heading",
  "page_title": "test page title",
  "meta_description": "test meta description",
  "noindex": 0,
  "nofollow": 0
},
```

```
"settings": {
  "_": {
    "no_group": "value"
  },
  "group": {
    "key": "value"
  }
},
"additional_attributes": [
  {
    "key": "test_name",
    "value": "test_value"
  }
]
}
```

Example Response

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

Revision #2

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