

Create Products

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This topic describes how to create a smart product on the Tuya IoT Platform.

1 Procedure

1.1 Step 1: Select a category

- 1. Log in to the Tuya IoT Platform.
- 2. On the homepage, click **Create**.

Quick Start and Product Development	Create	Product Management	
Provide no-code and custom solutions to help you develop smart products quickly at low costs. You can easily configure product data points, device panel, and cloud extension data points.			

- 3. You can select categories with the following two methods.
 - Method 1: Select your desired category. For example, click **Small Home Appliances** and select **Heater**.

÷	- Create Product						
	Standard Category By	Business Type 5	Search Product Solutio	Q			
	Electrical	Please select the product you want to create					
	Lighting						
	Sensors	Seasons					
	Large Home Appliances	Heater					
	Small Home Appliances						
	Kitchen Appliances	🔝 Electric Heating Table 🔮 Fan 📮 Air Cooler					
•	Exercise & Health	environment					
	Security & Video Surv	Diffuser Air Purifier Air Purifier					
	Gateway Control						

• Method 2: If you are not sure which category a product belongs to, you can click the search icon in the top right corner on the Create Product page, and enter a category name in the search box.

< (Create Product						
	Standard Category By Busine	ess Type				Search Product Solution	Q
	Electrical	Please select the product you	want to create		•		
	Lighting	ricado concertino producer you					
	Sensors	Power control					
	Large Home Appliances						
	Small Home Appliances	· Socket	Power Strip	Scenario Light Socket	Air Conditioner Mate		
	Kitchen Appliances	Wall socket	GFCI				
4	Exercise & Health	Switch and dimmer					
	Security & Video Surv	Switch	Dimmer Switch	Curtain Switch	Fan Switch		
	Gateway Control						
	Outdoor Travel	Card Switch					

4. Select the development solution of the product, such as a **Custom Solution**. For more information, see **Step 2**: **Select development mode**.

\odot	Selected Category Reselect
	Heater
2	Choose a product plan
	Custom Solution
	Heater MCU CSDK Suitable for functions such as Heater More Info

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5. Complete your product information. For more information, see Step 3: Complete basic information about the product.

1.2 Step 2: Select development mode

At present, Tuya provides **Zero-Coding Development** and **Custom Solution**. You can select the solution as you want.

• Zero-Coding Development: You only need to create a product and purchase related network modules to complete the development of smart products. This solution only applies to some categories of products, such as sockets and lights.

Zero-Coding Development Custom Solution			
Protocol Type: Wi-Fi Zigbee Bluetooth Mesh(S Functional Attributes: Advanc v Energy v O Socket(Upgraded)_Wi-Fi_BLE Suitable for functions such as Wall socket, More Info	Gatewa v	/iFi+Bluetooth Power Statistics Socket_Wi- Fi_BLE Suitable for functions such as Socket, Has More Info	Socket_Wi-Fi Suitable for functions such as Socket More Info
Gateway Socket (Bluetooth)_Wi- SE Fi_BLE Suitable for functions such as Gateway, So More Info	:: •	Power Statistics Socket_Wi-Fi Suitable for functions such as Socket, Has More Info	 Socket_Zigbee Suitable for functions such as Socket, More Info

• **Custom Solution**: You need to implement product application logic by yourself, and use MCU SDK or module SDK to connect and manage the device and the cloud. This is a more flexible development method.

2	Choose a pro	duct plan			
	Zero-Codir	ng Development Custom Solution			
		Portable Residual Current Plug Meu Suitable for functions such as GFCI, Socket More Info	1 1 n	Plug MC Suitable for functions such as Socket More Info	J 🖨 SDK

Note: If you use the **Custom Solution** to develop gateway devices, you must select the uplink and downlink protocols.

The uplink protocol serves the communication between the gateway device and the cloud. That is the **Protocol Type**. **Wi-Fi** is selected by default.

The downlink protocol serves the communication between the gateway device and its subordinate device. That is the **Agreement Type**.

1.3 Step 3: Complete basic information about the product

Enter the following information.

• Product name (required): You can customize a product name. For example,

XXX (brand) + XXX (product) + XXX (module model).

- Product model (optional): You can enter a product model to distinguish different products. For example, XXX (AE1123).
- Protocol type: Select the protocol type according to your product. If a category does not provide your required protocol, you can submit an online technical ticket to contact us.
- Power consumption type: **Standard Power Consumption** is selected by default.

Note: Make sure that you have selected the desired protocol, which determines the network module we deliver to you.

3	Improve product information	n
	* Product Name:	Brand + product name, will be displayed on the user App interface
	Product Model :	Please enter your product model number, separated by
	* Protocol Type:	WiFi+Bluetooth Wi-Fi Zigbee BLE Other
		() WiFi+Bluetooth networking mode, recommended with APP3.17.6 or above
	* Power Consumption Type :	Standard Power Consumption

2 Next

After you create a product, you can create functions for this product, including standard functions, custom functions, and cloud functions. For more information, see Function Definition.