

	<p><b><i>uint32_t enabled_cpus_mask:</i></b> Uses a binary mask to configure which specific CPU cores are used for inference. In rkllm.h, macros are predefined to represent CPU numbers, and you can configure them using the format CPU4   CPU5   CPU6   CPU7.</p>
--	--

In actual code construction, RKLLMParam needs to call the rkllm\_createDefaultParam() function to initialize its definition, and set the corresponding model parameters according to requirements. Sample code is as follows:

```
RKLLMParam param = rkllm_createDefaultParam();
param.model_path = "model.rkllm";
param.top_k = 1;
param.max_new_tokens = 256;
param.max_context_len = 512;
```

### 3.2.3 Definite Input Struct

To accommodate different input data types, the RKLLMInput input struct is defined, which currently accepts four types of input: text, image and text, token IDs, and encoded vectors. The specific definition is as follows:

Table 3-12 Explanation of RKLLMInput Structure

Definition	RKLLMInput
Introduction	Used to receive different forms of input data.
Struct Fields	<p><b><i>RKLLMInputType input_type:</i></b> Input mode;</p> <p><b><i>union:</i></b> Used to store different input data types, specifically including the following forms:</p> <p><b><i>const char prompt_input*:</i></b> Text prompt input, used to pass natural language text;</p> <p><b><i>RKLLMEmbedInput embed_input:</i></b> Embedding vector input, representing processed feature vectors;</p> <p><b><i>RKLLMTokenInput token_input:</i></b> Token input, used to pass the tokenized token sequence;</p> <p><b><i>RKLLMMultiModelInput multimodal_input:</i></b> Multimodal input, which can pass</p>