

# **BM Cloud Physical Machine**

## **Purchase Guide**

### **Product Documentation**



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# Purchase Guide

## Billing Overview

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### Billing

CBM is billed on a **pay-as-you-go** basis. For more information, see [Billing Mode](#). In addition, [duration-based discounts](#) are offered, which may differ from those for CVM and are subject to the information on the purchase page.

### Instance price

CBM instances have three billable items: network, storage (system disk and data disk), and computing (CPU, memory, and GPU). You can directly use the CVM [price calculator](#) to check out the combined price of all the products you need and estimate the resource costs. You can add the needed products to the cost estimate list and make the purchases swiftly.

### Renewal

- An instance will be shut down on the expiration day and automatically put and retained in the recycle bin for seven calendar days, during which you can renew it; otherwise, it will be terminated.
- You can set auto-renewal during purchase.

#### Note

We recommend you renew your instance before expiration to avoid service interruption due to instance shutdown. For detailed directions, see [Renewing Instances](#).

### Repossession

CBM instances are repossessed in the same manner as CVM instances. For more information, see CVM [Instance Repossession](#).

## Overdue payment

The overdue payment policy for CVM instances also applies to CBM instances. For more information, see [CVM Payment Overdue](#).

## Refund

The refund rules for CVM instances also apply to CBM instances.

## Notes

- The prices shown above are standard published prices. The actual prices are as indicated on the purchase page, as the prices may change due to price reductions or other factors.
- Certain new-gen pay-as-you-go CBM instances based on the elastic bare metal architecture will not be billed after shutdown. For more information, see [No Charges When Shut Down for Pay-as-You Go Instances](#).

# Available Regions

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CBM instances are available in the following regions:

Instance Family	Type	Model	GPU Model	Region and AZ
CBM	Standard	BMSA2	-	Beijing, Shanghai, Guangzhou
		BMS5	-	Beijing, Shanghai, Guangzhou
	Memory Optimized	BMM5c	-	Beijing, Shanghai, Guangzhou
		BMM5	-	Beijing, Shanghai, Guangzhou
		BMM5r	-	Beijing, Shanghai, Guangzhou
	Big Data	BMDA2	-	Beijing, Shanghai, Guangzhou
		BMD3	-	Beijing, Shanghai, Guangzhou, Chongqing, Beijing Finance Zone 1, Shenzhen Finance Zone 3
	High I/O	BMIA2	-	Beijing, Shanghai, Guangzhou
		BMI5	-	Beijing, Shanghai, Guangzhou, Nanjing, Chongqing, Hong Kong (China) Other countries and regions: Singapore, Bangkok, Tokyo, Seoul, Moscow, Silicon Valley, Virginia
	GPU	BMGNV4	NVIDIA A10	Beijing, Shanghai, Guangzhou
		BMG5t	NVIDIA T4	Beijing, Shanghai, Guangzhou, Nanjing, Chongqing, Hong Kong (China) Other countries and regions: Singapore, Seoul, Silicon Valley, Virginia
		BMG5v	NVIDIA V100	Beijing, Shanghai, Guangzhou, Chongqing
	High-performance	Standard	HCCS5	-
High I/O		HCCIC5	-	Beijing, Shanghai, Chongqing

computing cluster	GPU	HCCPNV4h	NVIDIA A100	Beijing, Shanghai
		HCCG5v	NVIDIA V100	Beijing, Shanghai, Chongqing
Other available old-generation models	Standard	BMS4	-	Beijing, Shanghai, Guangzhou, Nanjing, Chongqing, Chengdu
	Big Data	BMD3s	-	Beijing, Shanghai, Guangzhou, Nanjing
		BMD2	-	Beijing, Shanghai, Guangzhou, Nanjing, Chongqing, Beijing Finance Zone 1, Shenzhen Finance Zone 3

# Purchasing CBM Instance

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## Purchase Notes

- CBM shares the [purchase page](#) and [console](#) with CVM, which means you can purchase CBM instances on the CVM purchase page. For more information, see [Customizing Linux CVM Configurations](#).
- Make sure that you understand CBM before purchase, including its [instance specification](#) and [billing mode](#).
- Make sure that you know the AZ of the CBM instance to be purchased. For more information, see [Available Regions](#).

## How to Purchase

This document takes the **Standard BMS5** instance as an example to describe how to quickly purchase a CBM instance:

### Step 1. Log in to the purchase page

[Click here to enter the](#)

### Step 2. Select the billing mode, region, and model

On the purchase page, select the billing mode, network, region, and model. Here takes the **Standard BMS5 instance in Guangzhou Zone 3** as an example, and the actual information is as indicated on the purchase page:

- **Billing Mode:** **Spot instance**, **Pay-as-you-go**, or **Reserved instance**. For more information, see [Billing Mode](#).
- **Region and Availability Zone:** The AZ is subject to the information on the purchase page. For more information, see [Available Regions](#).
- **Instance:** Here takes the **Standard BMS5** instance as an example, and you can select one as needed.

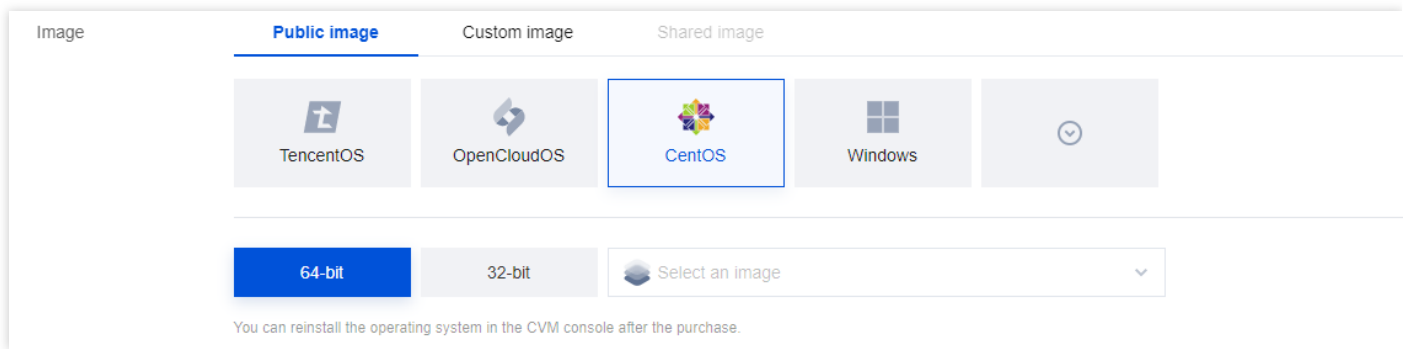
### Step 3. Select the image and storage

1. Select the image for the CBM instance.

CBM supports three image types: public, custom, and shared images. For more information, see [Overview](#).



If you are a new user of Tencent Cloud, select the public image and then the version as shown below:

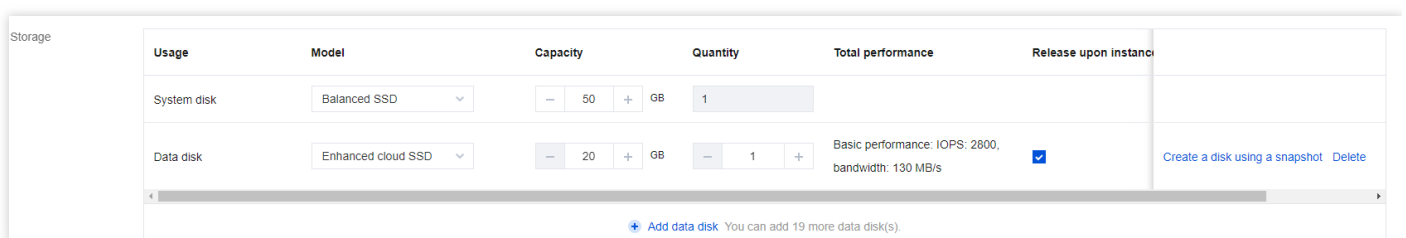


#### Note

GPU instances require the corresponding GPU driver to run properly, which can be installed in either of the following ways:

- If you select **Public Image**, we recommend you select **Automatically install GPU driver on the backend** to preinstall the driver on the corresponding version. This method only supports certain Linux public images.
- If you select **Custom Image**, you can manually install the driver as instructed in [Installing NVIDIA Driver](#) after the GPU instance is created successfully.

2. Select the storage for the CBM instance as shown below:



**System disk** and **Data disk**: You can flexibly select the type and size (you cannot adjust the storage capacity of the local system disks).

3. Click **Next: Set Network and CBM**.

## Step 4. Set the network, security group, and instance

1. Select the network and bandwidth for the CBM instance as shown below:

The screenshot shows the 'Network and bandwidth' configuration interface. It includes a dropdown for 'Network' (vpc-5cu6...), a dropdown for 'subnet' (subnet-...), and a note about available IPs (251). There is a checkbox for 'Public network IP' which is checked. Under 'Bandwidth billing mode', 'By traffic' is selected. A note states: 'Note: The traffic fee is settled on an hourly basis. When your account balance becomes negative, the service will be stopped in 2 hours.' The 'Bandwidth' section features a slider set to 5 Mbps, with options to decrease (-) or increase (+) the value.

- **Network:** Select an existing VPC or create one.
- **Public IP:** You need to select it if you require access to the public network. Then, a public IP will be assigned for the created instance.
- **Bandwidth billing mode:** If you select **Public network bandwidth**, billing will be based on the fixed bandwidth or traffic usage.
  - **Bill-by-bandwidth:** Select a fixed bandwidth. Packet loss will occur when the bandwidth exceeds this value. This is applicable to scenarios where the network connection fluctuates slightly.
  - **Bill-by-traffic:** Billing is based on traffic that is actually used. You can specify a peak bandwidth. Packet loss will occur when the instantaneous bandwidth exceeds this value. This is applicable to scenarios where the network connection fluctuates significantly.
- **Bandwidth value:** Public network bandwidth cap, which can be set as needed.
- **IPv6 address:** The IPv6 address of the activated instance.

2. Select an existing security group or create one to control the port range as shown below:

The screenshot shows the 'Security group' configuration interface. It has two tabs: 'New security group' (selected) and 'Existing security group'. Under 'Allow common IPs/ports', there are several checkboxes:
 

- ICMP (Ping the CVM from public network)
- TCP:22 (SSH remote login for Linux)
- TCP:3389 (RDP remote login for Windows)
- TCP:80 (HTTP Web server)
- TCP:443 (HTTPS Web server)
- Open for private network (Private network access from other cloud resources (IPv4))

 A note at the bottom says: 'Please make sure port 22 (Linux SSH login) and port 3389 (Windows remote login) are open in the selected security group. You can go to the CVM console to [Modify security group](#)'.

3. Set the login password or key for the CBM instance.
4. Set other custom configurations as needed.
5. Click **Next: Confirm Configuration Information**.

## Step 5. Confirm the configuration information

1. Check the following in the **Confirm Configuration Information** step as shown below:

Cloud Virtual Machine (CVM) Product Documentation Prices Console

Custom configuration

✓ Select basic configurations    ✓ Configure network and host    3 Confirm configuration

Selected configurations

Basic and instance configurations Edit

CVM billing mode	Pay-as-you-go	Region	Guangzhou	Availability zone	Guangzhou Zone 3
Instance	[redacted]	Image	[redacted]	System disk	Balanced SSD   50 GB
Data disk	[redacted]				

Network and security group Edit

Network	[redacted]	Subnet	[redacted]	Public network IP	Purchase
Network billing mode	[redacted]	Security group	Not set		

Other settings SSH key pair ⌵

[Generate API Explorer best practice scripts](#)

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Selected S5.MEDIUM2 (Standard S5, 2C2G)    Quantity

Configuration fee     Bandwidth fee    

- Check whether the instance specification, image, storage, public network configuration, security group, and other configuration items are set as expected.
- You can select or verify the quantity and purchase period.

2. Read and indicate your consent to the **Tencent Cloud Terms of Service** and click **Buy Now**.

## Step 6. Check the order and make the payment

Check the order information and select the payment method.

After the payment is made, you can log in to the instance after it is created and started.