

Install crDroid on OnePlus Ace3Pro

[!WARNING] The following tutorial is only for OnePlus Ace3Pro to install crDroid 12 (corvette)
Irregular gaming, relatives shed tears Readers are responsible for any hardware damage

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Readers are responsible for any hardware damage caused by improper operation!

This tutorial refers to the official crDroid installation guide.

Operation preparation

1. OnePlus Ace3Pro (BL unlocked and ColorOS16 installed) + computer + original data cable
 2. Download the following files {{< file-tree >}}
- name: crdroid.zip type: file comment: Download the latest ROM file
 - name: recovery/ type: dir children:
 - name: boot.img type: file
 - name: dtbo.img type: file
 - name: init_boot.img type: file
 - name: vbmeta.img type: file
 - name: vendor_boot.img type: file
 - name: recovery.img type: file
 - name: nikgapps.zip type: file comment: Download the latest GApps {{< /file-tree >}}

The files above, excluding NikGapps, can be downloaded from SourceForge.

After downloading, the directory is as shown below (this article uses the latest version at the time)

{{< file-tree >}}

- name: 20260429-boot.img type: file
- name: 20260429-dtbo.img type: file

- name: 20260429-init_boot.img type: file
- name: 20260429-recovery.img type: file
- name: 20260429-vbmeta.img type: file
- name: 20260429-vendor_boot.img type: file
- name: crDroidAndroid-16.0-20260429-corvette-v12.9.zip type: file
- name: NikGapps-crdroid-official-arm64-16-20260223-signed.zip type: file {{< /file-tree >}}

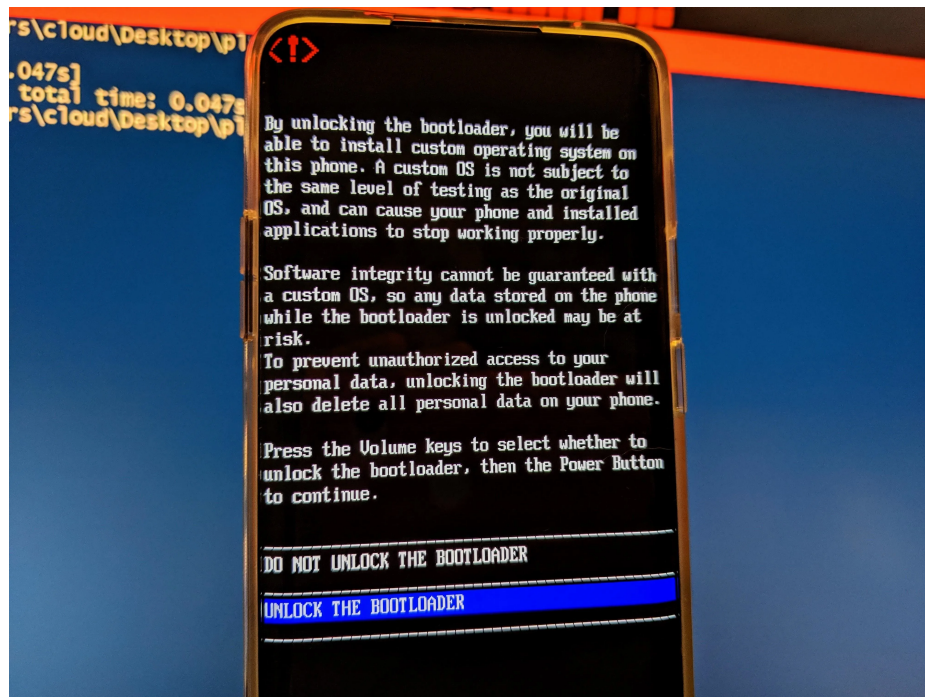
If the bootloader is not unlocked, you can do the following in CMD:

```
adb reboot bootloader  
fastboot flashing unlock
```

Note that unlocking will clear all data.

The successful effect is as follows:

```
C:\Users\Alex>fastboot flashing unlock  
< waiting for any device >  
OKAY [ 0.021s]  
Finished. Total time: 0.023s
```



Installation steps

Bottom bag (C16)

First check the required base package (theoretically, Android 16, that is, ColorOS16 can be used)

But (firmware) is best to be consistent with the underlying version when crDroid was built.

View the first two lines of the proprietary-files list on GitHub.

```
## All proprietary files from this list, unless pinned and noted otherwise,  
## are from OnePlus Ace 3 Pro (PJX110_16.0.5.701(CN01)).
```

Then download the corresponding version of ColorOS (701)

The OPlus package archive can resolve links for full system packages from any version.

For ColorOS PJX110_16.0.5.701(CN01), the link is:

https://gauss-compota-c-cn.allawnfs.com/remove-a39fc75063832d557a24f7ab02a02380/g-0e1e77d02e7bdea2328fda27ff230743/component-ota/26/04/14/faba2a6afc834843855599af7be64cf5.zip?sign=a0c55ee3494086f0981d65e678b94665&t=69f71e0a&AWSAccessKeyId=ayjy7KyLVHvDqDax6_KqJgtBeORTJARg

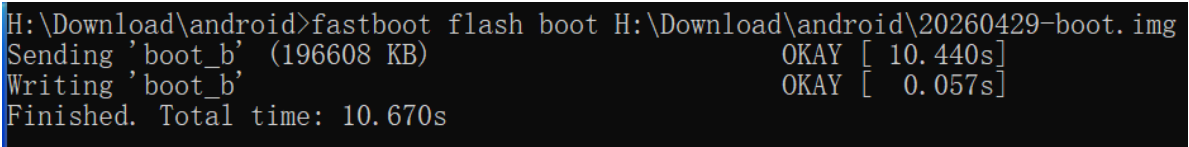
Clear the software upgrade data in application management, then disconnect from the Internet and manually install the full package in system update.





recovery

```
fastboot flash boot boot.img
fastboot flash dtbo dtbo.img
fastboot flash init_boot init_boot.img
fastboot flash vbmeta vbmeta.img
fastboot flash vendor_boot vendor_boot.img
fastboot flash recovery recovery.img
```



Reference image

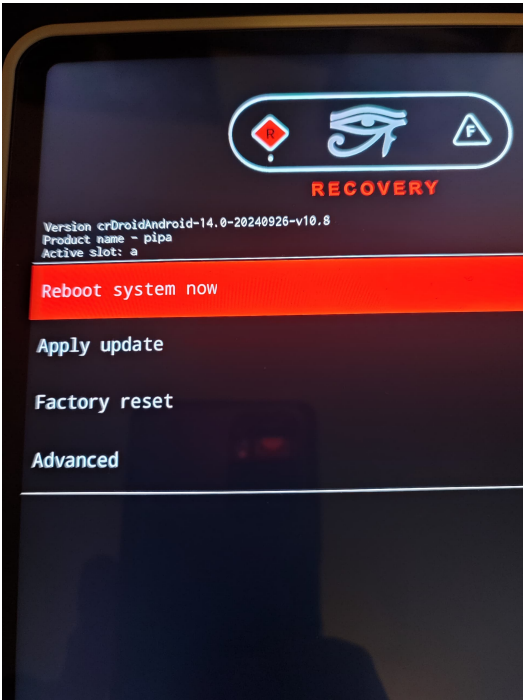
After successfully flashing REC and its underlying layer, enter recovery through bootloader

```
fastboot reboot recovery
```

crDroid

Method	Media	Do you need a computer	Typical operations
Cable Flash	USB Data Cable	Required	fastboot flash/adb sideload
Card flash	SD card / local storage	Not required	Select the local zip package in Recovery to flash

Here we use sideload line brushing (REC environment).



Use the volume key + power key to select **Factory Reset > Format data**

Then return to the main menu and select **Apply update**

```
adb sideload crDroid.zip
```

Here is a brief introduction to the sideload principle:

Method	Whether to place an order	Process
Card swiping (local zip)	The complete file is already on the device	Read → Verify → Unzip and install
adb sideload	Incomplete download	Streaming + synchronous verification installation
fastboot flash		Directly write to the corresponding partition, no concept of "installation"

Halfway through the installation, REC will ask whether to perform additional installation (reboot in recovery again for installing additional packages), please choose according to the actual situation.

{{< tabs >}} {{% tab title="Install gapps" %}}adb sideload gapps.zip

```
H:\Download\android>adb -d sideload crDroidAndroid-16.0-20260429-corvette-v12.9.zip
Total xfer: 1.00x

H:\Download\android>adb -d sideload NikGapps-crdroid-official-arm64-16-20260223-signed.zip
Total xfer: 1.00x
```

{{% /tab %}} {{% tab title="Do not install gapps" %}}Continue installation

```
H:\Download\android>adb -d sideload crDroidAndroid-16.0-20260429-corvette-v12.9.zip
Total xfer: 1.00x
```

{{% /tab %}} {{< /tabs >}}

Total xfer (Total transfer) is the **total transfer ratio**, which represents the ratio of the actual amount of data transferred to the original packet size. If there is no error, it should be equal to 1. If it is greater than 1, it means that the data is wrong and retransmission has been performed.

Finally, the crDroid installation is complete and you can restart it.

Conclusion

Today, as manufacturers' ROMs are becoming more and more perfect, the smoothness of ColorOS, the ecology of MIUI (HyperOS), and even the various gimmicks of various "AI systems", Smartphones have long been polished to perfection—at least on the surface.

So why do we still go to all the trouble to flash a "crude"-looking native ROM?

The answer may be simple: ****We don't care how many unused functions are crammed into the phone, what we care about is who the phone listens to. ****

There is no cloud control, no silent push, and no process quietly doing things in the background that you don't know about. Your device, running the system you choose, just for you.

This sense of control cannot be exchanged for any set of "smart life" or "AI scheduling".

Freedom, privacy, openness—it's never a feature that comes out of the box, it's something you swipe in yourself.