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## How to use miflash

**How to use mi flash unlock tool. How to use mi flash pro tool. How to use xiaomi flash tool. How to use miflash tool.**

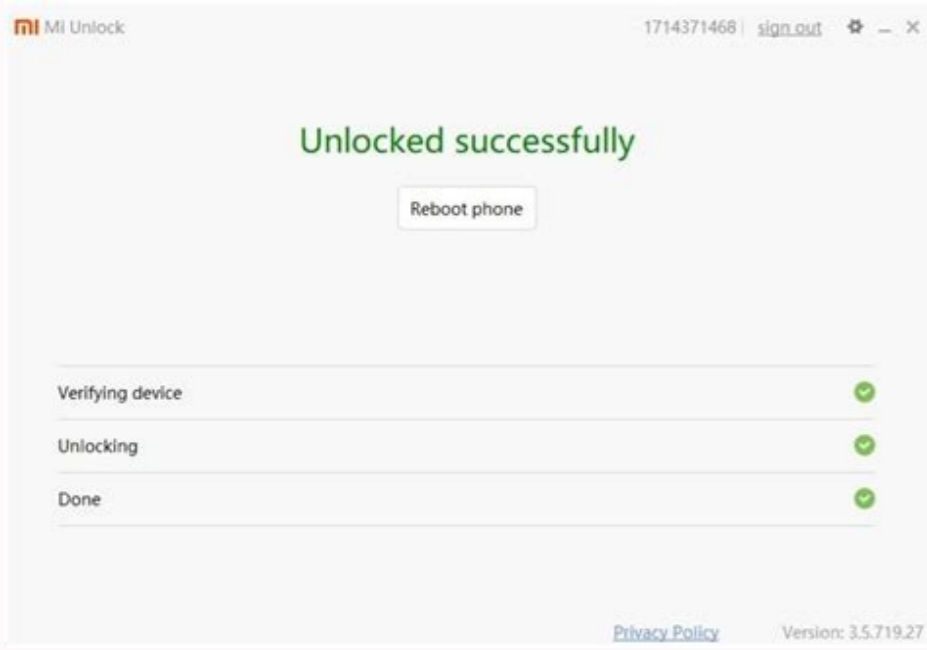
Xiaomi phones can be flashed in different ways. The most popular option is flashing through Fastboot using Mi Flash. But you can also use a more advanced utility MiFlashPro, which differs significantly from the standard version. Today we will review this program and tell you how to use it to install new firmware on your smartphone. Why do we need this program? Mi Flash Pro is a tool for flashing mobile devices, Xiaomi and Redmi.

The user can: Install a newer version of the shell.

For example, switch from MIUI 10 to MIUI 11. Reflash to the Global Version of the phone, designed for the Chinese market (be careful, there is a risk of "bricking"). Experiment with localized firmwares (Indian, Indonesian) or custom ones. Repair the "brick" or bring the device out of the boot loop. Return to the previous build (anti-rollback is possible).



Benefits of the PRO version Mi Flash Pro has advanced functionality and will appeal to experienced users. The program can flash phones on Qualcomm Snapdragon and MediaTek processors. Regular Mi Flash works only with Snapdragon. The next plus is the built-in firmware database. You can download the ROM right away in the program. The utility downloads files from the official MIUI website.



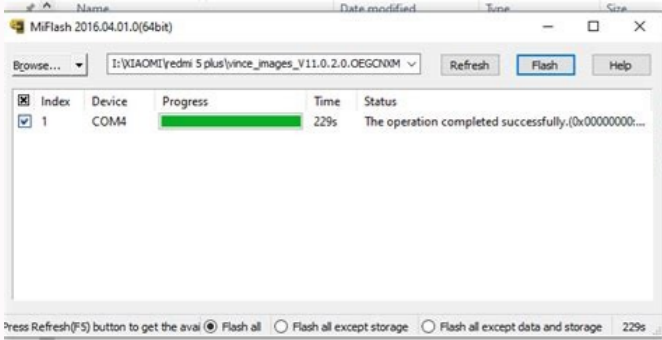
And, of course, a huge advantage is the ability to flash with a locked bootloader through the stock recoveries. The program has a very useful option to restore access to your smartphone if you lose your Pattern Lock or password. How to install MiFlashPro Let's proceed to download and install MiFlashPro. Using the program is quite easy, but we do not recommend getting into action if you are a novice and poorly versed in technology. The instructions are for information purposes only. The editorial staff is not responsible for the consequences of reflashing. Downloading All versions of MiFlash Pro are available there, + there are installation files of drivers for Qualcomm Snapdragon and MTK. There will also be a link to the finished archive along the way. Note that the latest version of the program may not work correctly. If you notice any problems or errors, download an older version of MiFlash. Configuring Now let's install the program and do the initial setup. Find the installation file with the ".exe" extension and double-click to run it. Specify the installation location and click "Next". Make sure that the path does not contain prohibited characters. Once again, click "Next" - "Install". When the installation is complete, click on the button "Finish". Run the utility. You will immediately see an offer to upgrade to the latest version. Accept or decline it. In the next window, specify the region. In the upper right corner, click on the line "Sign in" and go to your Mi account if you do not have an account, register. Once the installation and setup of MiFlashPro are complete, review the tabs and further reflashing. Tabs There are only English versions in different sources. That is why users who do not speak English will have to understand the interface intuitively. Home This section is not of any particular technological interest. It simply provides general information, which, once read, will make it easier for the user to flash the device. In the field "Select device" it is necessary to choose the phone and get acquainted with the appeared data, such as the name of the model, the processor, and the code name. The "Recommended" line is the most interesting, where the program advises the best way to flash a certain model. The utility will automatically detect the device if the smartphone is connected to the computer. At the bottom there are key combinations for switching to Fastboot and Recovery mode, as well as a note for MTK processors. Recovery Here you can flash your smartphone through the stock firmware with the locked boot loader. It's a very convenient option for most users. Also, with the help of the recovery, you can complete the device's reset, which will be relevant in case of a forgotten password and graphic key. Not sure how to flash your phone in TWRP Recovery?

Check our article on this topic. SP Flash Flash tab designed for flashing MTK-based smartphones. There is a program of the same name on the Internet that you can download separately, but it's better to install Mi-Flash Pro, which works with MTK and Snapdragon. SP Flash is an official tool from Xiaomi developers that flashes old and new MediaTek models without any problems. Mi Flash You can install the new shell on Xiaomi phones and tablets with a Qualcomm Snapdragon processor in this item. For this procedure, you must put the device into Fastboot or EDL mode and connect it to your computer.



Manage devices This is the device manager, where you can view all the connections. This tab is no different from a similar item in the Windows settings. ROM packages From this section, you can download the firmware for any Xiaomi smartphone. This is very convenient because you do not need to search for the official site or forum. Global, Indian, and European versions are available. History Here all made processes and detailed information, such as phone model, number, time, reflash type, etc., are displayed. There is no particular use for this tab. It is just an archive with all the operations. Flashing Xiaomi via Mi Flash Pro At this point, you will learn how to flash your Xiaomi and Redmi phones through Mi Flash Pro using different tabs. Be careful, reread each command, and remember that we are not responsible for the consequences. Only experienced users are recommended to do reflashing.

Via Recovery First, download the firmware archive at "ROM Packages". Type the name of the model and download the shell. Make sure that the file fits the flashing method - Recovery or Fastboot.



If this download method doesn't work, you can download the firmware from the official MIUI website using the standard method.

Place the archive on the system disk in a folder with a short name in Latin, for example, Android. Switching the phone to recovery mode. To do this, turn it off, and after a few seconds, press the power and volume up buttons. When the logo appears, release the power key and hold the rocker switch until the recovery menu appears. The menu should initially appear in English. On MIUI 11, it is Mi Recovery 3.0. Next, go down to "Connect with MiAssistant" using the mechanical keys on the side. To confirm, press the power button. An image of the phone and a disconnected wire will appear. Now you can connect the smartphone to the computer through the USB0 port. Open the program and go to "Recovery". You may need to reauthorize the Mi account. You will see its NAME at the top if the computer detects the smartphone. The utility doesn't recognize the connected device. Then you don't have the right drivers installed. Install ADB Drivers manually. A video on this topic will help you. Click on the triple dot and specify the path to the previously downloaded archive. The firmware detection will start. When the green check mark "verified successfully" appears, click on the white button "Flash". The flashing process will start, and you can watch it in real-time. The process is observed in real-time. Please don't turn off/reboot your smartphone or PC until firmware installs, and disconnect the phone from the PC. The mobile device can spontaneously reboot several times. This is normal. Disconnect the smartphone after the program's message "Flash successfully" appears. The operating system will start loading, and the phone will start up. The first startup after reflashing may take a little longer than usual.



Via SP Flash This option is suitable for MediaTek-based phones. There's no need to download a separate SP Flash Tool since MiFlashPro works with MTK and Snapdragon. The procedure can be performed with a locked bootloader.

Download the archive with the firmware, which is designed for Fastboot. Carefully make sure that the file fits your model. It is recommended to download from the program, official website or XDA forum. Unpack the archive to the system drive in a folder with a short Latin name. Run the program and go to the tab "SP Flash". In the top left corner, click on "Options" and open the "Download" section. Check the boxes "USB Checksum" and "Storage Checksum". Go back to the first screen of the tab. The line Download-Agentis usually detected automatically, so touch is not necessary. Let's go down to the inscription "Scatter-loading File"; use the built-in explorer to set the path to the firmware, go to the folder "images" and choose the file "Android\_scatter". A little lower set "Download only". At the bottom will pop up a lot of files with checkmarks. Uncheck only the item "Preloader". Then we turn off the smartphone and click on the big green arrow "Download" in the program. Press the volume down button on the smartphone and connect the device to the computer via a USB cable. At the bottom will appear a red bar, which should reach 100%. All the while holding the volume rocker. Release it only when the yellow bar appears. Please wait until it reaches the end and a green checkmark appears. This will mean successful flashing. After that, disconnect the device from the PC and turn it on yourself. If you see the error instead of the red bar, it means that MiFlash Pro does not see the phone. The reason is in the lack of drivers. Download drivers from XDA and install them the standard way.

Also don't forget to enable USB debugging on your smartphone. Via Mi Flash Here you already need an unlocked bootloader. Read this article to activate the bootloader correctly. We also have detailed instructions on how to flash your phone using MiFlash (via Fastboot mode). Below will only be basic information. Look for all the details in the full article. Install all drivers required (if not installed automatically), and turn off verification of drivers' digital signatures in Windows settings. Download the firmware archive specially designed for Fastboot operations. The archive must have the extension .tgz. You can download the file in MiFlash Pro (tab ROM packages). If you can't download the firmware, go to the official website and download the archive.

The drive creates a folder with a short name in Latin, for example, flash, and unpack the archive contents there. Put your smartphone in Fastboot mode by pressing the power and volume down buttons. You will hear a vibration click, and on the black screen, you will see a hare in earflaps repairing the Android robot. Connect the mobile device to the computer through the factory cable. Use a USB0 connector only, as errors often occur with 3.0. Launch MiFlash Pro and go to "Mi Flash" section. Press "Refresh" to make the program detect the connected devices. If the synchronization between your computer and smartphone is successful, in the "device" field, you will see a line with the phone code. Otherwise, you will need to install the missing drivers. Then click "Select", and, using the built-in explorer specify the path to the firmware (which should be located on the system drive in a separate folder). At the bottom, specify the parameters of cleaning. "Cleanall" - deleting all user data; "Save user data" - saving data on the device; "Clean all and lock" - cleaning the phone and locking the bootloader. The best choice is "Clean all". Don't forget to make a backup before that. When all items are checked, press "Flash". The flashing of the device will start and normally takes 10-15 minutes. As in the case with Recovery, in this time period, any actions with the device are prohibited. The smartphone on the new version MIUI will start by itself. You only need to disconnect it from the computer. Restore access to the phone via Mi Flash Pro The operation will be carried out through the Recovery mode. Root rights and an unlocked bootloader are not needed. Repeat steps 3, 4, 5, 6 and 7 from "Through Recovery".

When the program detects the smartphone, press the button with the red text "Wipe user data" or "Wipe Google ID + User data". In the first case, all the user data will be erased. In the second case - the Google account and data will be deleted. All information from the phone will disappear, and the system should no longer require a password, picture key, or fingerprint when logging in. The device will start up as a brand-new device with the original setup. If restoring access is the only goal, disconnect the smartphone from the computer and start using it. If you still need to reflash it, read the sub-item on that. FAQ Should I lock the bootloader after flashing via Fastboot? If you have a Chinese version of the smartphone flashing to the global, you should by no means block bootloader. Otherwise, the device will brick up. In all other cases, it is up to you to deactivate the bootloader. But remember that an unlocked bootloader reduces the smartphone's security to a minimum, and payment services such as Android Pay will not work. Smartphone won't turn on, will reflashing make it work again? The phone should start after installing the firmware if a system failure caused the problem. In case of mechanical damage, flashing the device to a new version is useless. We told you how to use MiFlash Pro. We hope this sample review will be helpful when you're in trouble. And what method of flashing your phone - write in the comments! FOR ALL XIAOMI BOOTLOADER MUST BE UNLOCKED ..... All your data will be erased IMPORTANT \*\*\*\*\*Please note that the clean all and lock box is checked by default\*\*\*\*\*The path must be C:/MIFLASH/rom folder\*\*\*\*\* Download the latest version of MI FLASH here : Extract the files from Miflash zip and place them in a folder named Miflash at the root of your hard drive. Download a Fastboot Rom here Or more firmwares. Others devices (Some devices have several versions hence the importance of knowing the code name) EUXM=EEA Europe MIXM=Global TRXM=Turkey RUXM=Russia INXM=India JPMX=Japan IDXM=Indonesia TWXM=Taiwan CNXM=China DEV=Public Beta TIPS:UNROOT BEFORE AND REMOVE LOCKSCREEN SECURITY Battery charged at least 65%.







chinese rom with global rom ?  
I already downloaded : - MiFlash20220507 - fastboot rom yunluo global\_images V14.0.1.0.TLYMIXM 20230407.0000.00 13.0 global\_1ea914176a waiting for reply with best regards, Yep, you can.  
I follow page 1, extract miflash at c drive. extract fastboot rom and put the fastboot folder inside miflash folder. starts miflash. i rename the fastboot folder to 1204 I also enable usb debugging at the developer setting. when i select driver and tried to install, pop up warning came out. Please advise what to do. Last edited: Jun 28, 2023 I follow page 1, extract miflash at c drive. extract fastboot rom and put the fastboot folder inside miflash folder. starts miflash. i rename the fastboot folder to 1204 I also enable usb debugging at the developer setting. when i select driver and tried to install, pop up warning came out. Please advise what to do. Just create an empty txt file of the same name in the folder . Please note that you have left the "clean all and lock" box checked. Just create an empty txt file of the same name in the folder . Please note that you have left the "clean all and lock" box checked. thx noss8 for reply. I create log folder inside miflash folder.  
i restart the miflash again. i put redmi pad in fastboot mode. plug in the usb c cable. click refresh. it detect my tablet i choose clean all and flash.  
same errors warning as page one (which is fine). tablet restarting. now, my redmi pad are using miui pad global 14.0.1. now it offers to update to 14.0.2.0. downloading now. Thanks for your help NOSS8 Reactions: NOSS8 1/Yep 2/Yep 3/Yep Use the TWRP A12 to flash the rom. To downgrade you will need to: Twrp/wipe format data type yes/reboot  
Twrp flash rom.(twrp-3.7.0\_12-v7.7\_A12-lmi-skkk.img). It worked! With this A12 twrp version, i can successfully instal via recovery the 14.01 version (which i couldn't install using A13 twrp recovery). After that i installed via fastboot the 14.01 version with the .bat method (which i couldn't install if A13 twrp recovery was installed on the phone) It's a very strange behaviour. I'll see if in the last major update version i can install Miui without problems. Last edited: Jul 5, 2023 found your post googling miflash guide i dont know if i may post my device. redmi 9 activ, cattail, mediatek the logs are attached trying to downgrade to v12.0.10.0 downloaded here: so that i can try a custom rom and this seems to be the only version that ill be able to flash them through sp flash tool i can flash v12.0.18.0. after disabling cust also can flash v12.5.6.0, but every boot start giving dm-verity device corrupted not trusted error and have to tap power button every time those are the only two. trying to flash v12.0.10 through it gives STATUS\_EXT\_RAM\_EXCEPTION error so i flashed v12.5.6.0, entered fastboot and tried to flash through miflash following your guide, bootloader unlocked, got the exact same error described in your first post, so i figured it worked, only for it to be bricked again, after many attempts of flashing either a custom rom or v12.0.10