



BY TEAM XECUTER

SX OS Features



Works With Every Switch

- SX OS Works with every Nintendo Switch and every firmware version!

Play Every Game

- With SX OS you can play all your favorite games straight off of the microSD card inserted into your Nintendo Switch.

Homebrew Games & Apps

- Using SX OS homebrew menu launcher you can enjoy all the quality games and software created by independent developers.

Continued Support

- Team Xecuter is always actively working to bring more exciting features to SX OS.

Dual Functionality

- Using the SX OS Launcher you can easily boot into the normal Nintendo Switch firmware to enjoy your original games.

Getting Started

Required Files:

- ❖ SX OS (boot.dat) – [Download](#)

Required Tools:

- ❖ Xecuter Jig ¹
- ❖ Xecuter Dongle ²
- ❖ PC w/ Internet Connection
- ❖ Micro-USB Reader
- ❖ MicroSD Card for Switch (exFAT³ or FAT32)



1. Xecuter Jig



2. Xecuter Dongle

³ exFAT is recommended and required for files larger than 3.7GB, which includes a large number of games, but requires special activation on your Switch. [Click here](#) to read more.



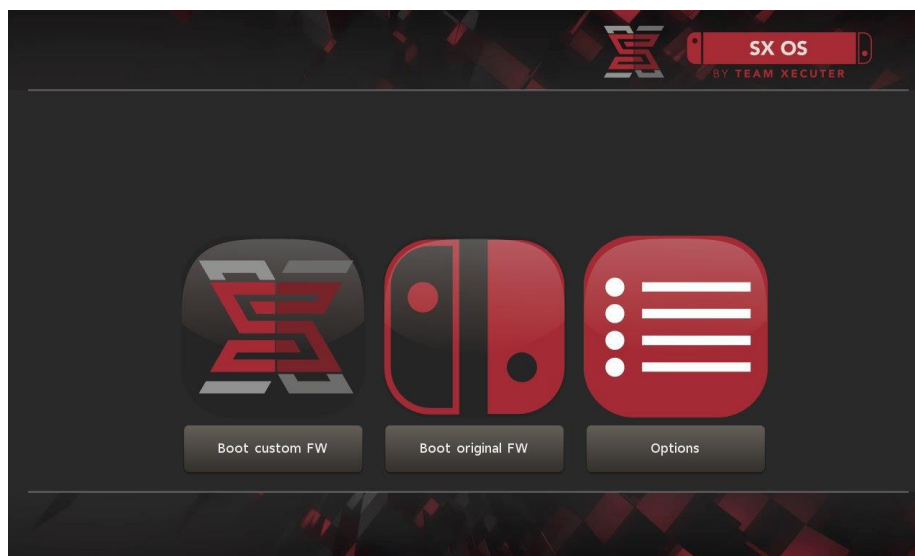
Booting SX OS

Start off by copying SX OS (boot.dat) to your Switch's MicroSD card and placing it back into your system, making sure your Switch is powered off and is not plugged in to your PC or a power source.



Slide the Jig into the Right-Hand Joycon rail and push it down until it is secure in place. Next, plug the Dongle into the USB-C port on the bottom of your Switch (in either direction).

Now, while holding the Vol+ button, press the Power Button. You should boot right into the SX OS Bootloader! You can now remove the Jig from the Joycon rail.



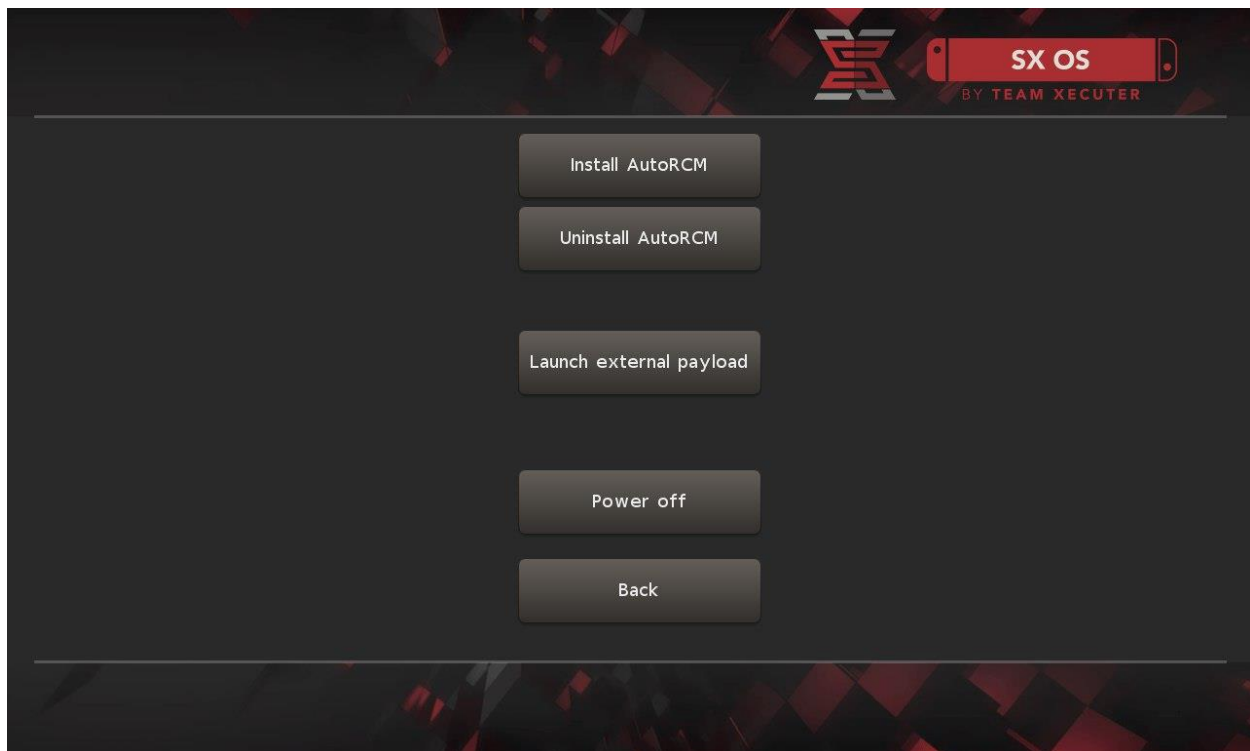
SX Bootloader

Installing Auto-RCM



The Auto-RCM feature will allow your Switch to enter SX OS without the use of the Jig when powered on.

From the Bootloader Options Menu, simply select Install AutoRCM.



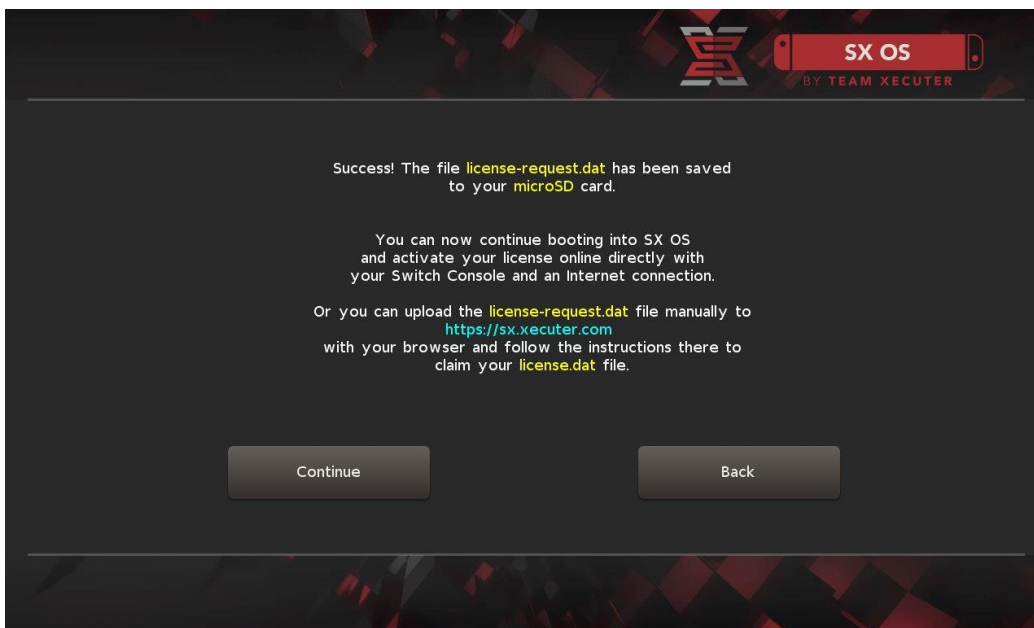
With Auto-RCM installed, your Switch will not boot normally *if it is completely powered off* and will require the SX Pro Dongle to be inserted again.

To avoid the need for the Dongle, utilize the built in Sleep Mode of the Switch and make sure to charge it when the battery level gets too low.

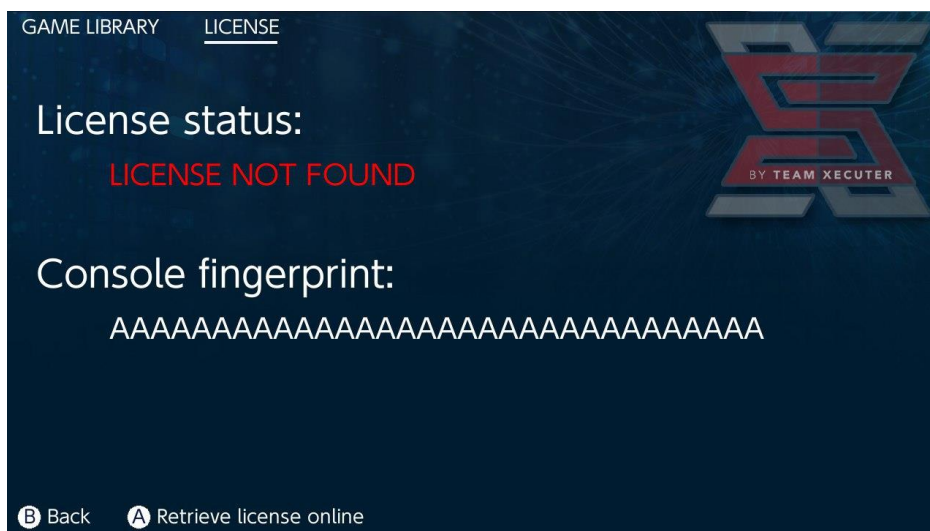


Activating Your License

When you perform the first boot of SX OS, a unique file will be created (`license-request.dat`) on your MicroSD card.



You can now either activate it through the Switch by pressing the Album icon to open the Game Selection Menu and then pressing R:





OR if you want to stay offline, you can activate it manually:

Power off your Switch and, using the [Activation Site](#), upload your file and manually enter your License Code.



HOME PAGE

SX OS LICENSE

On this page you can retrieve your **SX OS License File**.

Upload the **license-request.dat** file created by SX OS to get your **console unique** license!

The screenshot shows a web form for retrieving a license. At the top, there is a file selection area with a red 'Browse' button and a text box containing 'license-request.dat'. Below this, a message reads: 'Looks like you are using SX Lite, please enter your license code.' Underneath the message is a label 'License Code:' followed by an empty text input field. At the bottom of the form is a red button labeled 'Retrieve License'.

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Your license.dat file should automatically download after clicking on Retrieve License (If it does not, disable any ad-blockers or use a different browser and try again).



HOME PAGE

SX OS LICENSE

On this page you can retrieve your **SX OS License File**.

Upload the **license-request.dat** file created by SX OS to get your **console unique** license!

✔ Success!

Copy the **license.dat** to your MicroSD card and
enjoy! :-)

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Copy the license.dat back to your MicroSD, insert it into your Switch, and power your system back on with the Dongle inserted.

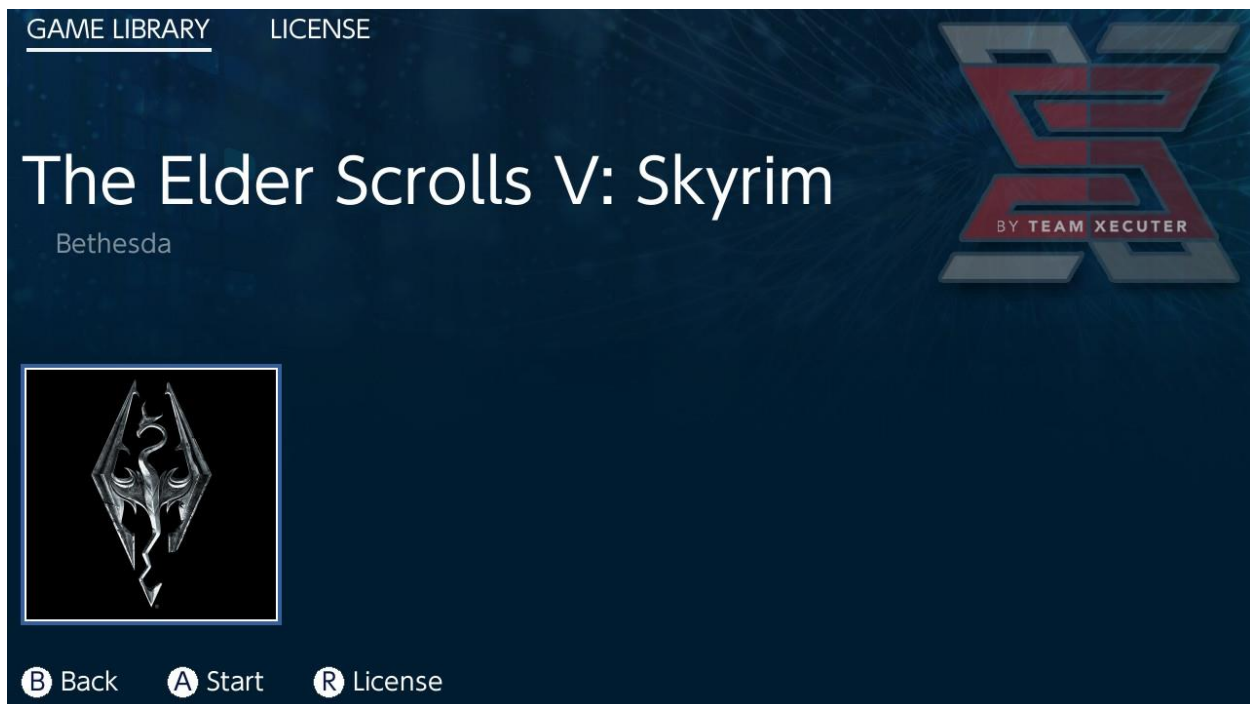
Using SX OS



If your activation file is present on your MicroSD card, the Switch should automatically boot into SX OS Custom Firmware. If you ever need to get back to the Boot Menu, hold Vol+ before pressing the Power button.

Once the SX OS Custom Firmware is loaded, the **Album** icon on your Switch will perform several different functions.

Selecting it with no buttons held opens the Game Selection Menu.

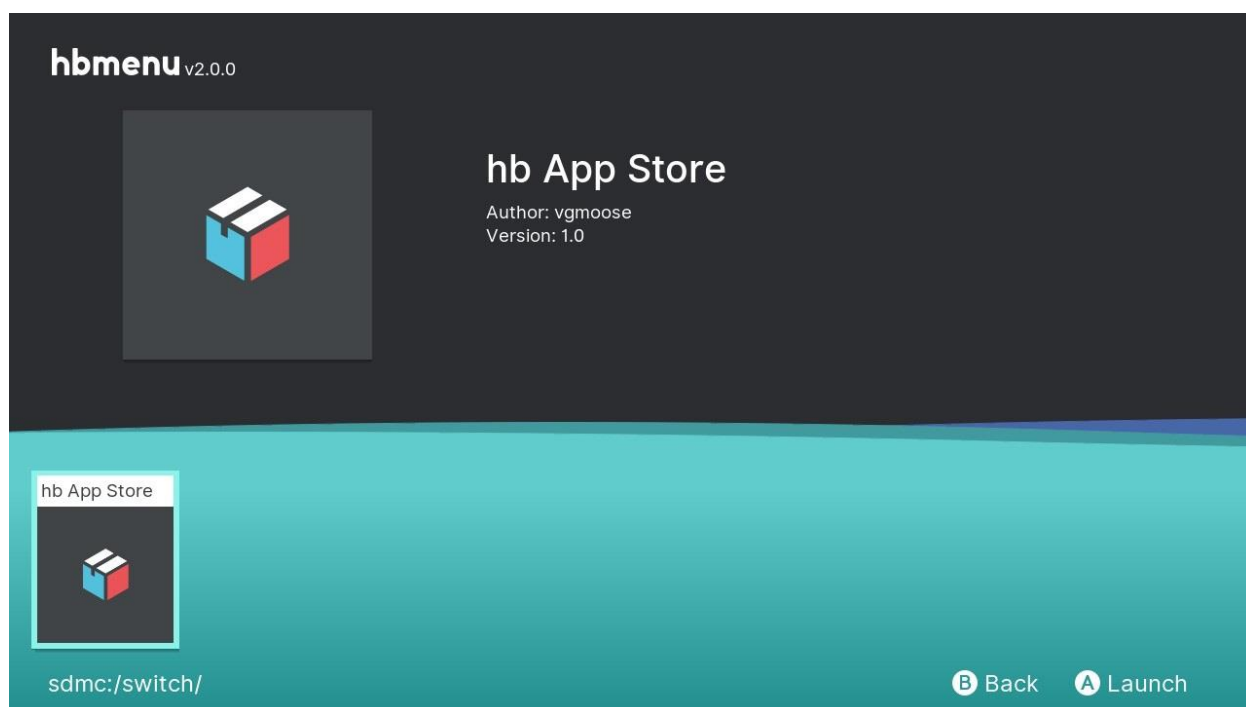


Any games you have on your MicroSD card in .xci format will appear here. Please remove any physical game cartridges before using the loader.



Holding L while selecting Album will open the regular Nintendo photo album for accessing your screenshots and videos.

Holding R while selecting Album will open the Homebrew Menu (this requires the [Homebrew Menu files](#) to be present on your MicroSD card).



If none of your Homebrew apps appear, make sure you have the folder structures correct first. If you still don't see anything, try reformatting your MicroSD with a Windows based PC.

FAQ



Q. How do I get back to the TX Boot Menu?

A. Press and hold Vol+ while powering on with the SX Pro Dongle or before pressing “Inject Payload” in TegraRcmGUI.

Q. How do I get back to the normal Nintendo Album?

A. Hold L while launching Album.

Q. How do I run the Homebrew Menu (HBMenu)?

A. Place the “[hbmenu.nro](#)” on the root of your MicroSD card and hold R while launching Album.

Q. How do I install/uninstall AutoRCM?

A. Return to the TX Boot Menu (see above) and select Options. From here, you can install or uninstall the AutoRCM feature.

Troubleshooting



Problem: I can't get SX OS to see my exFAT formatted MicroSD card.

Solution: You need to boot the Switch normally with the exFAT formatted SD card inserted so that it can connect to Nintendo's servers and retrieve the activation files for your system. If you do not wish to update your system or go online, there is an advanced method that we hope will be available in an easy-to-use homebrew soon.

Problem: I keep getting "BOOT.DAT" errors, black screen freezes, or file read errors.

Solution: This generally comes from an improperly formatted SD card. Try formatting the card using the Switch's formatting tool in the settings.

Problem: I can't get my activation file from the TX website.

Solution: Try disabling your ad-blocker or another browser such as Google Chrome or Internet Explorer/Edge. Some users have reported issues with Firefox blocking the download.