

Kaico Edition DSPico DS Flashcart

Complete Setup Guide (Windows – Step by Step)

What You Need Before You Start

- A Windows PC
- Kaico Edition LNH DSPico DS Flashcart
- microSD card (recommended: at least 8GB)
- microSD card reader (USB or built-in)
- Micro-USB cable
- DSPico Firmware file
- DSPico SD Files

Both the DSPico firmware and SD files can be downloaded from:

www.kaicolabs.com/firmware/

PART 1 – Install the DSPico Firmware

Step 1: Extract the Firmware Files

1. Download the DSPico Firmware ZIP file from www.kaicolabs.com/firmware/
2. Locate the ZIP file on your PC.
3. Right-click the ZIP file.
4. Select Extract Here or Extract to “DSPico Firmware”.
5. A new folder will appear.

Step 2: Copy the UF2 Firmware File

1. Open the extracted DSPico Firmware folder.
2. Locate the file that ends with .uf2.
3. Right-click the .uf2 file and select Copy.
4. Go to your Desktop, right-click, and select Paste.

Step 3: Connect the DSPico to Your PC

1. Connect the micro-USB cable to the DSPico.
2. Connect the other end to your Windows PC.
3. Wait a few seconds.

✓ **A new removable drive will appear called RPI.**

Step 4: Flash the Firmware

1. Open This PC or My Computer.
2. Double-click the drive named RPI.
3. Inside the RPI drive, you will see two placeholder files.
4. Select both files, right-click, and choose Delete.
5. Drag the .uf2 file from your Desktop onto the RPI drive.
6. Wait until the file transfer completes.

⚠ The RPI drive may automatically disconnect — this is normal.

7. Safely disconnect the DSPico from your PC.

PART 2 – Prepare the microSD Card

Step 5: Extract the DSPico SD Files

1. Download the DSPico SD Files ZIP from www.kaicolabs.com/firmware/
2. Locate the ZIP file on your PC.
3. Right-click the ZIP file.
4. Select Extract Here or Extract to “DSPico SD Files”.
5. A new folder will appear.

PART 3 – Format the microSD Card to FAT32 (VERY IMPORTANT)

**⚠ Formatting will erase ALL data on the microSD card.
Back up any important files before continuing.**

Step 6: Insert the microSD Card

1. Insert the microSD card into the card reader.
2. Connect the card reader to your PC.
3. Wait until Windows detects the card.

Step 7: Open the Format Menu

1. Open This PC or My Computer.
2. Locate your microSD card
(usually listed as Removable Disk).
3. Right-click the microSD card.
4. Click Format...

Step 8: Format Settings (IMPORTANT)

Set the following options in the format window:

- File system: FAT32
- Allocation unit size: Default
- Volume label: (optional – leave blank or enter DSPICO)
- Quick Format: Checked

**⚠ If FAT32 is not available, the card is likely larger than 32GB.
Use a FAT32 formatting tool such as guiformat or AOMEI Partition Tool.**

Step 9: Start Formatting

1. Click Start.
2. Click OK when warned about data loss.
3. Wait for the format to complete.
4. Click OK, then Close.

PART 4 – Copy DSPico Files to the microSD Card

Step 10: Copy SD Files

1. Open the extracted DSPico SD Files folder.
2. Select all files and folders inside
(Ctrl + A → right-click → Copy).
3. Open your microSD card.
4. Right-click inside the microSD card window.
5. Select Paste.

**✓ Files must be copied to the root of the microSD card
(not inside another folder).**

Step 11: Add Games and Homebrew

1. Open the games folder on the microSD card.
2. Copy your Nintendo DS ROMs and homebrew files into this folder.

PART 5 – Final Setup

1. Safely remove the microSD card from your computer.
2. Insert the microSD card into the DSPico.
3. Insert the DSPico into your Nintendo DS.
4. Power on the console.

✓ Setup Complete

Your Kaico Edition LNH DSPico DS Flashcart is now fully set up and ready to use.