B.Brown SC64

Summer Cart 64 N64 Flash Cartridge Instruction Manual

Model: SC64 | Brand: B.Brown

Introduction

The Summer Cart 64 is an open-source flash cartridge designed for the Nintendo 64 console, offering compatibility with N64 and 64DD titles across NTSC-U, NTSC-J, and PAL regions. This device allows users to load game titles from an included 16GB SD card, providing a convenient way to access a game library.

Key features include:

- **Region-Free Support:** Compatible with all N64 and 64DD titles on NTSC-U, NTSC-J, and PAL consoles.
- **CIC Chip Emulation:** Ensures compatibility with all console models without requiring hardware modifications.
- **Durable PCB:** Constructed with a high-quality printed circuit board for long-term reliability.
- **LED Indicator:** A light-up feature that indicates device activity during use.



Figure 1: The Summer Cart 64 package contents, including the cartridge, 16GB SD card, and documentation.

Setup

1. **Prepare the SD Card:** The Summer Cart 64 includes a pre-configured 16GB SD card. Ensure this card is inserted into the Micro SD card slot on the side of the cartridge.
2. **Insert into Console:** With your Nintendo 64 console powered off, carefully insert the Summer Cart 64 flash cartridge into the console's cartridge slot. Ensure it is fully seated.
3. **Power On:** Turn on your Nintendo 64 console. The cartridge's LED indicator should illuminate, and the main menu will appear on your screen.



Figure 2: The Summer Cart 64 flash cartridge properly inserted into a Nintendo 64 console.



Figure 3: Detail of the Summer Cart 64, highlighting the Micro SD card slot and the Type C connector.

Operating Instructions

Once the console is powered on with the Summer Cart 64 inserted, a menu will display the available game titles from the SD card. Use your N64 controller to navigate through the menu and select your desired game.

- **Game Selection:** Browse the list of games. The cartridge supports various N64 and 64DD titles.
- **LED Activity:** The integrated LED indicator will show different light patterns to signify device activity, such as loading or running a game.
- **Saving Progress:** The system is designed to save game progress. Specific save types (e.g., SRAM 256kbit) are supported.



Figure 4: The Summer Cart 64, ready to play a wide range of N64 games from its loaded SD card.

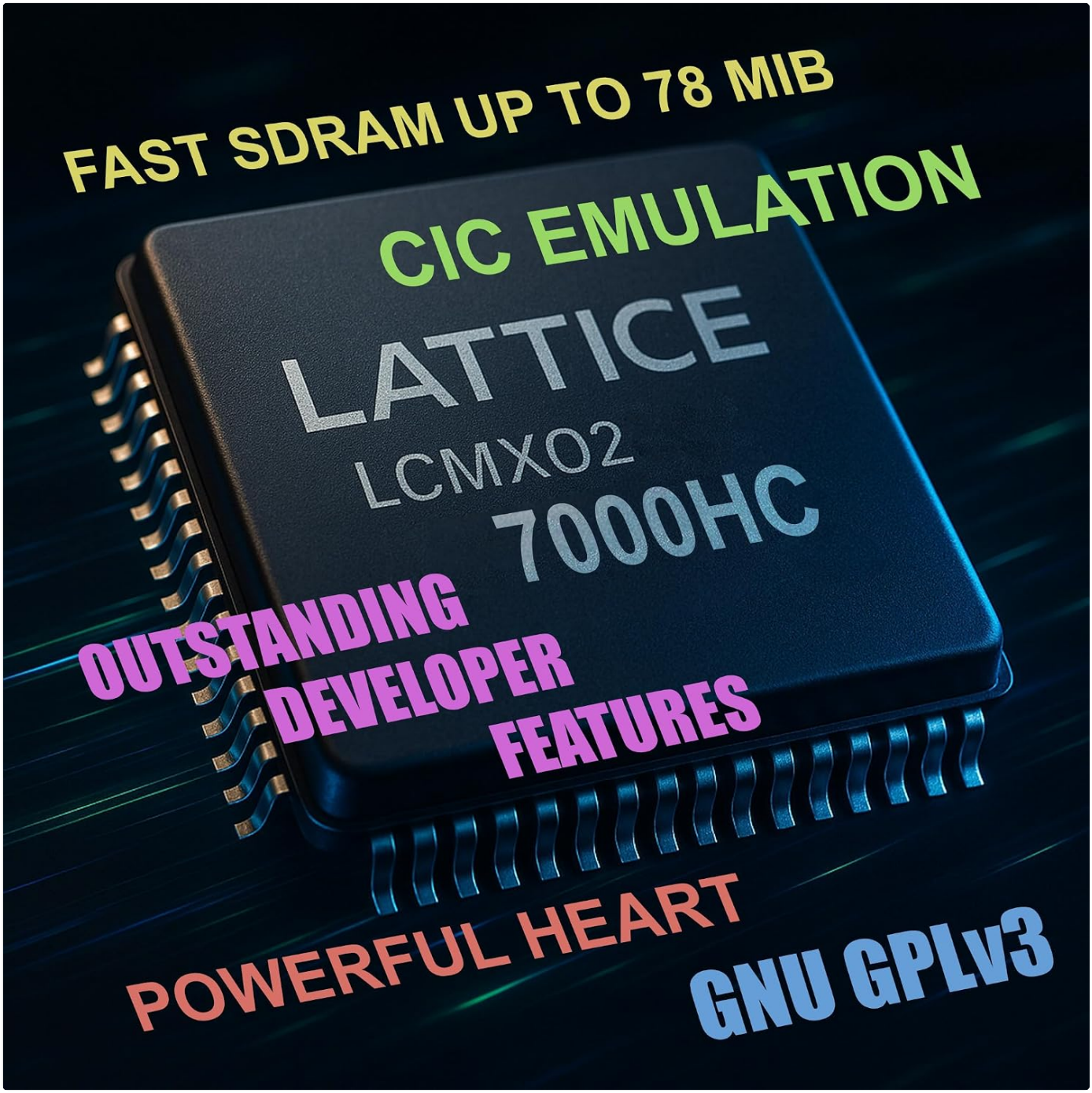


Figure 5: The Summer Cart 64's LED indicator lights up, showing active operation within the N64 console.

Maintenance

Proper care ensures the longevity and optimal performance of your Summer Cart 64. Follow these guidelines:

- **Power Off Before Removal:** Always ensure the Nintendo 64 console is powered off before inserting or removing the Summer Cart 64. This prevents potential damage to the cartridge or console.
- **Handle with Care:** Avoid touching the edge connector (the gold pins) of the cartridge with your fingers. Oils and dirt can interfere with connectivity. Do not blow into the cartridge slot or onto the pins.
- **Storage:** Store the cartridge in a clean, dry environment away from extreme temperatures and direct sunlight.
- **Cleaning:** For general cleaning of the cartridge exterior, use a soft, dry cloth. Do not use liquid cleaners directly on the cartridge.
- **Firmware Updates:** Periodically check for firmware updates to ensure the best compatibility and performance. Instructions for updating firmware are typically available on the official project's GitHub page or community forums.



Figure 6: The internal high-quality PCB and components of the Summer Cart 64, designed for durability.

Troubleshooting

- **Cartridge Not Detected:** Ensure the cartridge is fully and securely inserted into the N64 console. Power off and re-insert the cartridge, then power on the console again.
- **Game Auto-Loads Instead of Menu:** If a game automatically loads upon startup instead of the main menu, power off the console. While powering on, hold down the START button on your N64 controller. This should return you to the main menu.
- **Changing Auto-Load Settings:** If a specific ROM is set to auto-load, this setting can typically be adjusted by editing the configuration file on the Micro SD card. Refer to the project's online documentation for detailed instructions on modifying configuration files.
- **Game Performance Issues (e.g., artifacting):** Ensure your firmware is up to date. Some games may require specific settings or patches, which can often be found in community resources or the project's GitHub page.
- **Firmware Update Difficulties:** If you encounter issues with firmware updates, consult the official online resources (e.g., GitHub, Discord channels) for detailed guides and community support.

Specifications

Model Name	SC64
Brand	B.Brown
Color	Transparent black
Hardware Interface	SDHC
Flash Memory Type	Mini SD
Memory Storage Capacity	16 GB (included)
Compatible Devices	Nintendo 64 Gaming Console
Special Feature	Cheat Support, CIC Chip Emulation, LED Indicator
Product Dimensions	8"L x 4"W
Item Weight	5.3 ounces (150 Grams)
UPC	789232348813

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or visit the official B.Brown support website. As an open-source project, additional community support and resources, including detailed guides and forums, can be found on the Summer Cart 64 GitHub page and N64brew Discord channel.

For more information, visit the SummerCart64 GitHub.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question