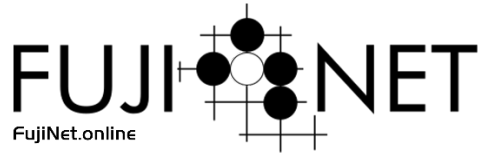


# Welcome to the World of



## FujiNet for MS-DOS RS-232 Quickstart Guide

### Overview

FujiNet RS232 currently targets MS-DOS (PC Compatible) systems over a serial port. Support for other serial devices will likely come in the future.

**This QuickStart guide provides an overview of what you need to prepare your device and how to use the Config program to connect to Wi-Fi and mount drive images.**

### Requirements

In addition to an MS-DOS (PC Compatible) computer, you also need:

- USB-C 5V power source (1A or higher recommended)
- FAT32 formatted SD (Not mandatory, but highly recommended)
- Method to copy the FUJINET.SYS driver onto your MS-DOS computer

### Power

The FujiNet for RS-232 requires a standard 5-volt USB-C power source. It is recommended to use a supply that provides at least 1 AMP of power. Be sure to provide power to the FujiNet before powering up your computer.

Note: As with other FujiNets, there is no power light. The two LEDs indicate the Wi-Fi link and serial activity.

### DOS Driver

A DOS driver is required to use FujiNet which can be found in the fujinet-rs232 repository Releases, located here:

<https://github.com/FujiNetWIFI/fujinet-rs232/releases>

The most recent version of the driver will be at the top of the page and the file is shared under the header titled **Assets**.

As of May 2026, FutureVision Research ships FujiNet for RS-232 with firmware version 1.6.0. Therefore, to take advantage of the current firmware, you need to use config.sys driver version **fujinet-a2efd39.sys**.

Download this driver to your DOS computer and rename to fujinet.sys.

You must edit CONFIG.SYS on your DOS computer to have this line.

```
DEVICE=FUJINET.SYS
```

This driver will default to COM1 and a baud rate of 115200. If you find that your computer hangs when accessing FujiNet mounted drives, try lowering the baud rate.

Here is an example of the CONFIG.SYS driver using a baud rate of 9600 and COM2:

```
DEVICE=FUJINET.SYS FUJI_BPS=9600 FUJI_PORT=2
```

### SD Card and fnconfig.ini

As of firmware version 1.6.0, an SD card with the fnconfig.ini file is no longer required on most computers. **But it is required for the PC Jr. because you must set the baud rate to 9600.**

You can download a sample file here:

<https://fujinet.online/wiki/?p=Sample-FNCONFIG.INI>

Edit this file and ensure that the specified baud rate matches the entry in the config.sys driver. For instance:

```
[RS232]  
baud=9600
```

## FujiNet Config (Connecting to Wi-Fi and Mounting Drives)

As of firmware version 1.6.0, FujiNet for RS-232 includes a Config program that offers the same basic capabilities as Config on other platforms. This includes connecting to Wi-Fi, browsing TNFS servers, mounting drive slots, and accessing the Game Lobby.

When you power up your FujiNet and then boot your computer, the FujiNet driver connects to your FujiNet for RS-232, and the connection message includes a line indicating which drives it is connected to. (i.e., FujiNet attached to drives D:-K:).

Upon boot, a special Config image is mounted to the first drive letter in the list of attached drives. To launch Config, type the first drive letter in the list, then the word config (e.g., d:config). Note: This launches CONFIG.EXE.

If Wi-Fi settings have not been previously entered, the first time Config loads, it will prompt you to select a Wi-Fi connection.

Once Wi-Fi is connected, the white LED on your FujiNet will glow, indicating a Wi-Fi connection. In addition, the Config program then displays a list of Hosts and Drive Slots. Select the proper drive images for each drive slot (or verify the saved drive images in each slot). Each Drive Slot represents a drive letter, which is displayed after its slot number.

All images are mounted to those assigned drive letters upon exiting Config. Keep in mind that drive images are mounted from the first drive listed in FujiNet's attached drive letters list. This means the Config image is replaced by the image in the first drive slot.

As long as the FujiNet is powered and not reset, the drive slots will remain mounted as configured by you, even after you reboot or reset the computer.

If you reset or power-cycle the FujiNet, the Config image is once again mounted to the first drive after the physical drives, and all other mounts are removed. To remount your selections, launch Config, then exit.

FujiNet Config also gives you access to the Game Lobby by selecting the letter L.

## Additional Features

The FujiNet Configuration web page allows you to configure additional features, including:

- Printer emulation
- Modem emulation
- Network time sync

To access this page, you must be on the same network. You can then use a web browser to visit [fujinet.local](http://fujinet.local).

Note: If you have more than one FujiNet device on the same network, you'll need to provide a `fnconfig.ini` file on a SD card and provide a unique device name on this line:

```
devicename=FujiNet
```

## Getting Help

1) Join the FujiNet Discord: <https://discord.gg/7MfFTvD>

(This gives you access to the entire FujiNet development team.)

2) Join the FujiNet Facebook group:

<https://www.facebook.com/groups/fujinetusers>

3) Join the AtariAge sub-forum: <https://atariage.com/forums/forum/346-fujinet-sio-network-adapter>

4) Use the FujiNet contact form on this page: <https://fujinet.online/support>

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