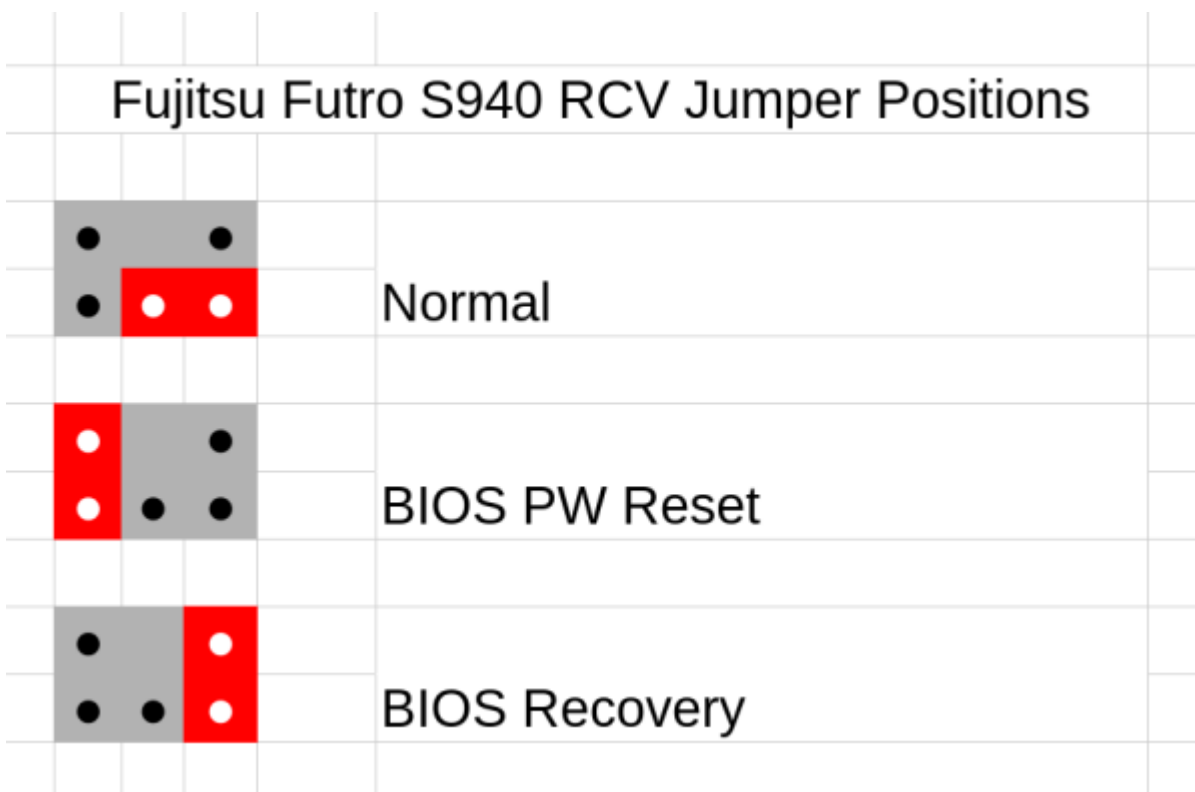


# Fujitsu Futro S940 - D3543-A1x

## RCV Jumper Positions

On the mainboard is a 2x3 6-pin header with a jumper where one of the center pin is missing.



## BIOS Recovery

- obtain BIOS firmware update
  - you can download it from <https://support.ts.fujitsu.com/IndexDownload.asp>
  - I used a file called
    - D3543A1xAdminpackageCompressedFlashFiles\_V50013R1140\_1302609.ZIP
    - sha256sum  
1c6b6acd8520d54f5e3ff8fa8030b7340c242ce051e065b16a13581e5b131125
- prepare a USB stick with a BIOS firmware update
  - MBR partition
  - FAT32 file system
  - extract downloaded ZIP archive and just copy all the files to the USB stick
- unplug all external devices
- unplug power
- open case
- set RCV jumper
  - when the missing pin is at the top, bridge the two right pins with the jumper

- plug in the USB stick in one of the two USB 3 ports at the front
  - it does not work with any of the USB 2 ports at the back
- plug in power
- wait a moment
- success is notified with a single beep
- progress is notified with many random very short bip
- afterwards there is a moment of silence
- followed by a pattern of beep - beep - beeeeeeeeeeeep - beeeeeeeeeeeep
  - the two long beeeeeeeeeeeep at the end are very long both
  - they are the sign that BIOS recovery was successful
  - from pluggin in power to this point it did no even take 30s in my case, the manual stated 3-5min
- unplug power immediately
  - if you don't unplug power directly after the two very long beeeeeeeeeeeep it restarts the BIOS recovery automatically (and you might not want this)
- remove the USB stick
- put the RCP jumper back to its normal position
  - when the missing pin is at the top, bridge the center and the right pins at the bottom with the jumper
- close case
- plug in power
- the system should boot again
  - first boot takes quite a long time
  - but it displays the Fujitsu logo quite early when it is plugged to a monitor, so that is a good sign

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