
Subject: 1541 overheating
Posted by [dillon](#) on Tue, 17 Sep 2013 18:53:30 GMT
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Some possible suggestions on how to keep your 1541 from overheating...

1> Go out and buy some rubber "feet". Place these on to of the current "feet" to give them some more hight. Try to give the drive something of a forward incline... that seems to help as well.

2> Never stack 2 1541's on top of each other. Do not cover the (sic) vents on the top or bottom.

3> Take 4 pencils with erasers, cut them to a inch or so, and place them in the wells where the case screws are. This puts the drive on "stilts".

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4> Take four rubber "feet", and place them on the the LEFT SIDE of the case. Then stand the drive on it's edge. (This really works!). If you still have problems drill holes in the plastic on what is now the top and bottom of the drive for air flow.

5> Now for my favorite... Open the drive case and locate the two large silver regulators near the back on the right side.

```
  \//    !  
  -O- (X) !  
  /\     !  
  \//    !  
  -O- (X) !  
  /\     !    --right rear corner, 1541
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Drill two large (1/2 inch) holes in the plastic to the right and below (X).

This will create a airflow past the heat sinks that really lowers temeratures!

6> If you STILL have problems go to radio shack and get "heat sink grease" and some scrap metal. Glue, clip or other wise fasten the metal and grease to the two chips nearest the heat sink. (6502, 901XXXX-0X) these are the two that repeatedly fail inn overheating disk drives.

7> Buy a faster disk drive that takes less spinning to acheive the same results.

8> If you are using your computer but don't plan to access the disk drive for a while just reach over and turn the drive off. Turning the disk drive on/off while the computer is on causes no problems.

-Bryce Nesbitt of 1541 Flash!