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So here's some exciting news

I got tired of worrying about IDE hard drive in the BCM400 failing, going corrupt, etc. They are getting hard to find anyway. Thought about SSD drives, but I don't believe that they are entirely reliable yet, and besides, I'm not sure I wanted the cost to find out it didn't work. Stumbled upon this on the internet.

3.5 IDE Hard Disk Drive Adapter Converter Card

It plugs right into the IDE cable, and has a socket for either an FDD or HDD power cable to plug into. Well I transferred my BCM3.7 software onto a 32G brand name high-speed SD card, and hey - it works!

It has power, activity and card detect LEDS...and its working great. A little modification to a PCI slot blank, and now you can change the "hard drive" without taking the case apart.

I'm going to run it for a while and see how it fares...SD cards are so much cheaper for replacement!

Hey, no worries! I used a Sandisk Ultra SDHC 32GB: 80MB/s.

I find it seems to backup and reboot a little bit faster than before, but the voicemail takes longer to come back after a restart...but that could just be me - I have not actually timed it! There is no noticeable difference in performance otherwise.

It is plugged into a "SD To 3.5" 40Pin Male IDE Hard Disk Drive Adapter Converter Card 3.5 IDE Module"
Details:
\*SD to 3.5inch 40Pin male IDE Module converts Secure Digital Card into IDE compatible hard drives.
\*Support PIO, Multi-Word DMA and Ultra DMA data transfer mode.
\*Can install the OS onto the SD Card.
\*SD socket support up to 128GB SD Card(Card is Not included)
\*Compatible with MMC system specification 2.0.
\*High data transmission rate.
\*Support DOS, Linux, Windows 98SE, Me, 2000, XP and Vista system.
\*Dimension:8\*6.8cm(Approx.)
\*Connector:1\*40Pin Male IDE port, 1\* SD card slot, 1\*4Pin power supply port