

Re: OT: hard drive limits Q

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- *From:* Robert Baer <robertbaer@xxxxxxxxxxxxxx>
 - *Date:* Sat, 23 Dec 2006 07:09:54 GMT
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Eeyore wrote:

Robert Baer wrote:

I know of the limits up to 2Gbytes, but understand there are others, especially around 32Gbytes.
First, what exactly are those limit values and what causes them?
Second, how does one determine the limit of a given motherboard & BIOS?
Third, assume a system has a 32Gbyte limit; why would a 40 Gbyte drive give no problems ever,

Then it clearly doesn't have a 32GB limit.

and one of three 120Gbyte drives have minor problems and the others refuse to boot even in DOS 6.22?

I have found trouble with drives partitioned as system drives under DOS 6.22 that won't work as system drives under DOS 5.0 and below. It's something to do with a subtle change, I think it's the master boot record that previously didn't exist.

You need to be more specific.

Graham

MSDOS6.22, PCDOS7.0, Win98SE, Win2000 as OSes on these hard drives will not boot, period. Makes no difference what the partition size or format type (FAT16, FAT32, NTFS) with the understanding that the format types tried were supported by the OS.

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Programs on the drive run fine with zero problems; the HDs just will not boot.

I strongly suspect that it is the drive size being larger than some unknown "limit" even tho the BIOS recognizes the drives.

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