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System 7.5: Enhanced Large Volume Size Support (11/96)

Article Created: 1 August 1994

Article Reviewed/Updated: 15 November 1996

TOPIC -----

I understand that under System 7.5, the maximum hard drive volume size has been increased from 2 GB to 4 GB. How was this accomplished?

DISCUSSION -----

A set of modifications to the Finder and HFS were implemented to raise the current maximum volume size of 2 GB to 4 GB. This was done by treating volume sizes as unsigned values. The exact upper limit is 4063 MB. System 7.5.2 (and later) increases this limit to 2 terabytes on some computers, including:

- PowerBook 190, 1400, 5300 series and Duo 2300c/100.
- Macintosh Performa 5400 and 6400 series and 6360/160
- Power Macintosh 5400, 6400, 7200, 7500, 7600, 8500, and 9500 series
- Workgroup Server 7250/120 and Workgroup Server 8550 series

It is not necessary to have SCSI Manager 4.3 installed to take advantage of the larger volume sizes.

Article Change History:

15 Nov 1996 - Added info about terabyte support.

08 Sep 1995 - Added System 7.5.2 volume limit information.

14 Feb 1995 - Reviewed for technical accuracy.

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Keywords: sys75

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19961118 08:14:10.00

Tech Info Library Article Number: 15972