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Power Macintosh: ROM Size Reported By Utilities (10/94)

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Security: Everyone

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TOPIC -----

I have been using several third party utilities to find out information about a Power Macintosh 8100 and was surprised at some of the replies. Using Snooper, MacEkG, MacBench 1.1, etc., I noticed the ROM size reported as 3MB instead of the 4MB noted in the product specification sheets and technical information.

Is the ROM in all Power Macintosh systems actually 4MB in size?

DISCUSSION -----

The ROM is actually 4MB in size. The unusual reporting is a feature of the Gestalt call values and the Power Macintosh ROMs. The Gestalt selector is behaving normally by returning the ROM size minus the 68K emulator portion, which uses about 1MB of space. Even MacTest Pro returns 3MB as the ROM size.

At this time, software developers will need to hard code the full physical size of the ROM in order to have it return 4MB.

Article Change History:
13 Oct 1994 - Added keyword; made minor technical changes.

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