Macintosh Portable: RAM Upgrade Card Issues

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TOPIC ---

1) Can I use a PDS Memory Card with a third-party RAM Slot memory card?
   The information available in the TIL suggests that the Apple Memory
   Card should be removed if a PDS Memory Card is in use. If third-party
   cards will work, which ones do you recommend? Can you be more specific
   regarding the problem with the memory decode chip?

2) The Pseudo Static RAM cards are not compatible with older versions
   of the Macintosh Portable. Is this because of different pinouts on the
   new logic board or because of Pseudo Static RAM?

3) With an upgraded Macintosh Portable, will both the RAM slot and PDS
   memory cards work? Will Pseudo Static memory work in the upgraded
   system?

4) What is the maximum amount of RAM that is supported in the Macintosh
   Portable's RAM slot?

DISCUSSION --

1) PDS memory cards are compatible with third-party RAM Slot memory
   cards. PDS cards do not use the Apple Memory Decode Chip, so there are
   no compatibility problems. Any third-party card designed for the new
   Macintosh Portable should work. Contact the card's manufacturer for
   compatibility information before buying.

   The only memory card affected by the memory decode chip problem is
   Apple's. When an Apple 1MB or 3MB PSRAM Memory Board is installed, you
   cannot use the PDS for RAM expansion. The Apple card will try to
   decode memory accesses above the 4MB boundary.

2) The pseudo static RAM of the upgraded Macintosh Portable requires a
   refresh line. SRAM cards designed for the original Macintosh Portable
   will not work with the new Macintosh Portable.

3) The Backlit Upgrade consists of a new bezel (including display) and

a card that goes into the ROM slot that powers the backlit display.
PDS cards and RAM from the original system will work in the upgraded
system.

4) For the new Macintosh Portable, the RAM slot can support up to 3MB
   of PSRAM, with 1MB soldered on to the main logic board. The PDS card
   can support up to 7MB of RAM (provided the Apple Memory Card is not
   used) making for a grand total of 8MB for the system.

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