



Tech Info Library

System 7: Macintosh Computers That Can Use Virtual Memory (1/95)

Revised: 1/4/95
Security: Everyone

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TOPIC -----

Which Macintosh computers can use virtual memory?

DISCUSSION -----

Any Macintosh computer which uses the 68030, 68040, or PowerPC microprocessor can use virtual memory. A Macintosh computer with the 68020 microprocessor is virtual memory capable with the addition of a 68851 PMMU coprocessor.

A current listing of Macintosh computers which support virtual memory follows:

Compact Macintosh: -----	Modular Macintosh: -----	PowerBook: -----
Macintosh SE/30	Macintosh II*	PowerBook 140
Macintosh Classic II	Macintosh IIX	PowerBook 145
Macintosh Color Classic	Macintosh IICx	PowerBook 145B
	Macintosh IICi	PowerBook 160
	Macintosh IISI	PowerBook 165
Macintosh Performa: -----	Macintosh IIfx	PowerBook 165c
	Macintosh IIVI	PowerBook 170
Performa 200	Macintosh IIVx	PowerBook 180
Performa 400	Macintosh LC*	PowerBook 180c
Performa 600	Macintosh LC II	PowerBook Duo 210
Performa 405	Macintosh LC III	PowerBook Duo 230
Performa 410	Macintosh LC 475	PowerBook Duo 250
Performa 430	Macintosh LC 520	PowerBook Duo 270c
Performa 450	Macintosh LC 630	PowerBook Duo 280
Performa 460	Macintosh Centris 610	PowerBook Duo 280c
Performa 466	Macintosh Centris 650	PowerBook 520
Performa 467	Macintosh Centris 660AV	PowerBook 520c
Performa 475	Macintosh Quadra 605	PowerBook 540
Performa 476	Macintosh Quadra 610	PowerBook 540c

Performa 550	Macintosh Quadra 630
Performa 63X	Macintosh Quadra 650
	Macintosh Quadra 660AV
	Macintosh Quadra 700
	Macintosh Quadra 840AV
	Macintosh Quadra 900
	Macintosh Quadra 950
	Macintosh TV
	All Power Macintosh computers

* - These computers need a 68851 PMMU coprocessor installed in order to be virtual memory capable.

Article Change History:

03 Jan 1995 - Noted that all Power Macintosh computers support virtual memory.

18 Aug 1994 - Added Macintosh 630 family and Quadra 650

26 May 1994 - Added new PowerBook and Performa models.

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