osh RAM Setup Configurations Table

Macintosh Model	Possible Physical RAM Configuration (MB) (Mac OS)	Possible SIMM Sizes (Supported by Apple)	# Of SIMM Slots	Min RAM Speed	RAM Configuration	Bank A: # of SIMMS x Size	Bank B: # of SIMMS x Size
Macintosh Plus	1, 2, 2.5, 4	256K, 1 MB	4	150ns	1 MB	2 x 256K	2 x 256K
Macintosh SE					2 MB	2 x 1 MB	Empty
The Macintosh Plus and Macintosh SE require special RAM upgradir					2.5 MB	2 x 1 MB	2 x 256K
Please refer to the Apple Technical Procedures for RAM installation					4 MB	2 x 1 MB	2 x 1 MB
The Macintosh Plus and SE cannot use 2-chip 1 MB SIMMs.							
Macintosh Classic	1, 2, 2.5, 4	256K, 1 MB	2	120ns	1 MB	Soldered to Motherboard	
The Macintosh Classic has 1 MB of RAM soldered onto the main logi					2 MB	Add Memory Expansion Card	
added by using the Mac Classic expansion card. Apple's Macintos					2.5 MB	Memory Exp. Card + 2 x 256K	
Card has 1 MB of additional RAM and two SIMM slots.					4 MB	Memory Exp. Card + 2 x 1 MB	
The Macintosh Classic cannot use 2-chip 1 MB SIMMs.							
Macintosh Classic II	2, 4, 6, 10	1 MB, 2 MB, 4 MB	2	100ns	2 MB	Soldered to Motherboard	
The Macintosh Classic II will access 10 MB of memory when using S					4 MB	2 x 1 MB	N/A
					6 MB	2 x 2 MB	N/A
					10 MB	2 x 4 MB	N/A
Color Classic	4, 6, 8, 10	1 MB, 2 MB, 4 MB	2	100ns	4 MB	Soldered to Motherboard	
Performa 250					6 MB	2 x 1 MB	N/A
The Macintosh Color Classic can access only 10 MB of memory whe					8 MB	2 x 2 MB	N/A
even though the Color Classic accommodates 12MB of physical mer					10 MB	2 x 4 MB	N/A
Macintosh LC	2, 4, 6, 10	1 MB, 2 MB, 4 MB	2	100ns	2 MB	Soldered to Motherboard	
The Macintosh LC will access 10 MB of memory when using System					4 MB	2 x 1 MB	N/A
					6 MB	2 x 2 MB	N/A
					10 MB	2 x 4 MB	N/A
Macintosh LC II	4, 6, 8, 10	1 MB, 2 MB, 4 MB	2	100ns	4 MB	Soldered to Motherboard	
Performa 400					6 MB	2 x 1 MB	N/A
The Macintosh LC II / Performa 400 can access only 10 MB of memo					8 MB	2 x 2 MB	N/A
in 32-bit mode, even though the LC II accommodates 12MB of physi					10 MB	2 x 4 MB	N/A
Macintosh LC III	4, 5, 6, 8, 12, 20, 36	1, 2, 4, 8, 16, and 32 MB	1	80ns	4 MB	Soldered to Motherboard	
Performa 450					5 MB	1 MB	N/A
The Macintosh LC III will access more than 8 MB of memory when us					6 MB	2 MB	N/A
The Macintosh LC III requires 72-pin SIMMs.					8 MB	4 MB	N/A
					12 MB	8 MB	N/A
					20 MB	16 MB	N/A
					36 MB	32 MB	N/A

Macintosh Model	Possible Physical RAM Configuration (MB) (Mac OS)	Possible SIMM Sizes (Supported by Apple)	# Of SIMM Slots	Min RAM Speed	RAM Configuration	Bank A: # of SIMMS x Size	Bank B: # of SIMMS x Size
Macintosh SE	1, 2, 4, 5, 8,	256K, 1 MB, 4 MB	8	120ns	1 MB	4 x 256K	Empty
Macintosh II	16, 17, 20, 32				2 MB	4 x 256K	4 x 256K
Macintosh IIx ††					4 MB	4 x 1 MB	Empty
Macintosh IIcx					5 MB	4 x 1 MB	4 x 256K
† The Macintosh II requires the Mac II FDHD upgrade kit which includ					8 MB	4 x 1 MB	4 x 1 MB
4 MB SIMM modules in bank A. Without the FDHD upgrade, 4 MB S					16 MB	4 x 4 MB	Empty
in bank B, and 20 MB would be the maximum configuration.					17 MB	4 x 4 MB	4 x 256K
†† The Macintosh II and IIx require special 4 MB SIMMS.					20 MB	4 x 4 MB	4 x 1 MB
The Macintosh SE/30, II, IIx, IIcx require Mode 32 or a similar pro					32 MB	4 x 4 MB	4 x 4 MB
Macintosh IIsi	1, 2, 3, 5, 9, 17	256K, 512K, 1 MB, 2 MB, 4	4	100ns	1 MB	Soldered to Motherboard	
The Macintosh IIsi will access more than 8 MB of memory by using S					2 MB	4 x 256K	N/A
					3 MB	4 x 512K	N/A
					5 MB	4 x 1 MB	N/A
					9 MB	4 x 2 MB	N/A
					17 MB	4 x 4 MB	N/A
Macintosh IIci	2, 3, 4, 5, 6, 8, 9, 1	256K, 512K, 1 MB, 2 MB, 4	8	80ns	1 MB	4 x 256K	Empty
	12, 16, 17, 18, 20, 24, 32				2 MB	4 x 256K	4 x 256K
The Macintosh IIci will access more than 8 MB of memory by using S					3 MB	4 x 512K	4 x 256K
						4 x 512K	4 x 512K
					4 MB	4 x 1 MB	Empty
					5 MB	4 x 1 MB	4 x 256K
					6 MB	4 x 1 MB	4 x 512K
					8 MB	4 x 1 MB	4 x 1 MB
					9 MB	4 x 2 MB	4 x 256K
					10 MB	4 x 2 MB	4 x 512K
					12 MB	4 x 2 MB	4 x 1 MB
					16 MB	4 x 4 MB	Empty
						4 x 2 MB	4 x 2 MB
					17 MB	4 x 4 MB	4 x 256K
					18 MB	4 x 4 MB	4 x 512K
					20 MB	4 x 4 MB	4 x 1 MB
					24 MB	4 x 4 MB	4 x 2 MB
					32 MB	4 x 4 MB	4 x 4 MB

Macintosh Model	Possible Physical RAM Configuration (MB) (Mac OS)	Possible SIMM Sizes (Supported by Apple)	# Of SIMM Slots	Min RAM Speed	RAM Configuration	Bank A: of SIMMS x Size	Bank B: of SIMMS x Size
Macintosh IIfx	4, 8, 16, 20, 32	1 MB, 4 MB	8	80ns	4 MB	4 x 1 MB	Empty
The Macintosh IIfx requires 64-pin SIMMs. It will access more than System 7 in 32-bit mode. 16 MB SIMMs may be used, but are not supported by Apple.					8 MB	4 x 1 MB	4 x 1 MB
					16 MB	4 x 4 MB	Empty
					20 MB	4 x 4 MB	4 x 1 MB
					32 MB	4 x 4 MB	4 x 4 MB
Macintosh IIvx	4, 5, 8, 12, 20, 68	256K, 1 MB, 2 MB, 4 MB	4	80ns	4 MB	Soldered to Motherboard	
The Macintosh IIvx will access more than 8 MB of memory by using S 16 MB SIMMs may be used, but are not supported by Apple.					5 MB	4 x 256K	N/A
					8 MB	4 x 1 MB	N/A
					12 MB	4 x 2 MB	N/A
					20 MB	4 x 4 MB	N/A
					68 MB	4 x 16 MB	N/A
Centris 610	4 to 68	4, 8, 16 and 32 MB	2	80ns	4 MB	Soldered to Motherboard	
The Centris 610 requires 72-pin SIMMs. It will access more than 8 MB of memory by using System 7 in 32-bit mode. The Centris 610 can use any combination of 4, 8, 16, and 32 MB memory SIMMs in any combination of slots.							
Centris 650	4 to 132	4, 8, 16 and 32 MB	4	80ns	4 or 8 MB	Soldered to Motherboard	
The Centris 650 requires 72-pin SIMMs. It will access more than 8 MB of memory by using System 7 in 32-bit mode. The Centris 650 can use any combination of 4, 8, 16, and 32 MB memory SIMMs in any combination of slots. It can have either 4 or 8 MB of memory soldered to the motherboard. If you wish to use memory interleaving for better performance, you must the same size of memory SIMMs in adjacent SIMM slots. Also, you can only interleave the memory SIMMs in the left or right SIMM slots. You cannot interleave memory across the middle two SIMM slots.							

Macintosh Quadra RAM Setup Configu...

Macintosh Model	Possible Physical RAM Configuration (MB) (Mac OS)	Possible SIMM Sizes (Supported by Apple)	# Of SIMM Slots	Min RAM Speed	RAM Configuration	Bank A: of SIMMS x Size	Bank B: of SIMMS x Size	Bank C of SIMMS x Size	Bank D of SIMMS x Size
Quadra 700	4, 8, 20, 68	1 MB, 4 MB	4	80ns	4 MB	Soldered to Motherboard			
The Quadra 700 will access more than 8 MB of memory by using Sys...					8 MB	4 x 1 MB	N/A	N/A	N/A
16 MB SIMMs may be used, but are not supported by Apple.					20 MB	4 x 4 MB	N/A	N/A	N/A
					68 MB	4 x 16 MB	N/A	N/A	N/A
Quadra 800	8 to 136	4, 8, 16, and 32 MB	4	60ns	8 MB	Soldered to Motherboard			

The Quadra 800 requires 72-pin SIMMs. It will access more than 8 MB of memory by using System 7 in 32-bit mode.

The Quadra 800 can use any combination of 4, 8, 16, and 32 MB memory SIMMs in any combination of slots.

If you wish to use memory interleaving for better performance, you must the same size of memory SIMMs in adjacent SIMM slots. Also, you can only interleave the memory SIMMs in the left or right pairs of SIMM slots. You cannot interleave memory across the middle two SIMM slots.

Macintosh Model	Possible Physical RAM Configuration	Possible SIMM Sizes	# Of SIMM Slots	Min RAM Speed	RAM Configuration	Bank A:	Bank B:	Bank C	Bank D
Quadra 900	12, 16, 20, 24, 28,	1 MB, 4 MB	16	80ns	4 MB	4 x 1 MB	Empty	Empty	Empty
Quadra 950	, 40, 48, 52, 64....256				8 MB	4 x 1 MB	4 x 1 MB	Empty	Empty
The Quadra 900 has 4 MB of factory-installed memory, while the Qu...					12 MB	4 x 1 MB	4 x 1 MB	4 x 1 MB	Empty
factory-installed memory.					16 MB	4 x 1 MB	4 x 1 MB	4 x 1 MB	4 x 1 MB
The Quadra 900 and 950 will access more than 8 MB of memory by ...					or	4 x 4 MB	Empty	Empty	Empty
16 MB SIMMs may be used, but are not supported by Apple.					20 MB	4 x 4 MB	4 x 1 MB	Empty	Empty
					24 MB	4 x 4 MB	4 x 1 MB	4 x 1 MB	Empty
					28 MB	4 x 4 MB	4 x 1 MB	4 x 1 MB	4 x 1 MB
					32 MB	4 x 4 MB	4 x 4 MB	Empty	Empty
					36 MB	4 x 4 MB	4 x 4 MB	4 x 1 MB	Empty
					40 MB	4 x 4 MB	4 x 4 MB	4 x 1 MB	4 x 1 MB
					48 MB	4 x 4 MB	4 x 4 MB	4 x 4 MB	Empty
					52 MB	4 x 4 MB	4 x 4 MB	4 x 4 MB	4 x 1 MB
					64 MB	4 x 4 MB	4 x 4 MB	4 x 4 MB	4 x 4 MB
					or	4 x 16 MB			
					Other configurations are supported between 64 MB and 256 MB.				
					256 MB	4 x 16 MB	4 x 16 MB	4 x 16 MB	4 x 16 MB

sh Portable RAM Configurations Table

Macintosh Model	Possible Physical RAM Configuration (MB) (Mac OS)	Possible Expansion Card Sizes (Supported by Apple)	# Of SIMM Slots	Min RAM Speed	RAM Configuration	RAM Expansion Card
Macintosh Po	2, 3, 4, 5, 6, 7, 8,	N/A-See note †††	2	100ns	1 MB	Soldered to Motherboard
The Macintosh Portables have 1MB of RAM soldered to the main logic board. uses Static RAM and the Backlit uses Pseudo-Static RAM. Additional RAM can be added by using an expansion card which can be used in the RAM slot or PDS slot. These expansion cards can have from 1-4MB of RAM.					2 MB to 8 or	Add either RAM and/or PDS Card.
PowerBook 1	2, 4, 6, 8	2 MB, 4 MB, 6 MB	1	100ns	2 MB	Soldered to Motherboard
					4 MB	Add 2 MB Expansion Card
					6 MB	Add 4 MB Expansion Card
					8 MB	Add 6 MB Expansion Card
PowerBook 1	2, 4, 6, 8	2 MB, 4 MB, 6 MB	1	100ns	2 MB	Soldered to Motherboard
					4 MB	Add 2 MB Expansion Card
					6 MB	Add 4 MB Expansion Card
					8 MB	Add 6 MB Expansion Card
PowerBook 1	2, 4, 6, 8	2 MB, 4 MB, 6 MB	1	100ns	2 MB	Soldered to Motherboard
					4 MB	Add 2 MB Expansion Card
					6 MB	Add 4 MB Expansion Card
					8 MB	Add 6 MB Expansion Card
PowerBook 1	4, 8, 12, 14	4 MB, 8 MB, 10 MB	1	85ns	4 MB	Soldered to Motherboard
The PowerBook 160 will access more than 8 MB of memory by using Memory Expansion Cards larger than 4MB must have 85ns fast RAM					8 MB	Add 4 MB Expansion Card
					12 MB	Add 8 MB Expansion Card
					14 MB	Add 10 MB Expansion Card
PowerBook 1	4, 8, 12, 14	4 MB, 8 MB, 10 MB	1	85ns	4 MB	Soldered to Motherboard
The PowerBook 165c will access more than 8 MB of memory by usin Memory Expansion Cards larger than 4MB must have 85ns fast RAM					8 MB	Add 4 MB Expansion Card
					12 MB	Add 8 MB Expansion Card
					14 MB	Add 10 MB Expansion Card

sh Portable RAM Configurations Table

Macintosh Model	Possible Physical RAM Configuration (MB) (Mac OS)	Possible Expansion Card Sizes (Supported by Apple)	# Of SIMM Slots	Min RAM Speed	RAM Configuration	RAM Expansion Card
PowerBook 1	4, 6, 8	2 MB, 4 MB, 6 MB	1	100ns	2 MB	Soldered to Motherboard
					4 MB	Add 2 MB Expansion Card
					6 MB	Add 4 MB Expansion Card
					8 MB	Add 6 MB Expansion Card
PowerBook 1	4, 8, 12, 14	4 MB, 8 MB, 10 MB	1	85ns	4 MB	Soldered to Motherboard
The PowerBook 180 will access more than 8 MB of memory by using					8 MB	Add 4 MB Expansion Card
Memory Expansion Cards larger than 4MB must have 85ns fast RAM					12 MB	Add 8 MB Expansion Card
					14 MB	Add 10 MB Expansion Card
PowerBk Duo	4, 8, 12, up to 24	MB, 8 MB, 12 MB, 16 M	1	70ns	4 MB	Soldered to Motherboard
The PowerBook Duo 210 will access more than 8 MB of memory by					8 MB	Add 4 MB Expansion Card
					12 MB	Add 8 MB Expansion Card
					16 MB	Add 12 MB Expansion Card
					20 MB	Add 16 MB Expansion Card
PowerBk Duo	4, 8, 12, up to 24	MB, 8 MB, 12 MB, 16 M	1	70ns	4 MB	Soldered to Motherboard
The PowerBook Duo 230 will access more than 8 MB of memory by					8 MB	Add 4 MB Expansion Card
					12 MB	Add 8 MB Expansion Card
					16 MB	Add 12 MB Expansion Card
					20 MB	Add 16 MB Expansion Card