



Tech Info Library

Memory Configurations: Other Desktop Macintosh (4 of 4) (9/96)

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TOPIC -----

What are the memory configurations for desktop Macintosh computers?

DISCUSSION -----

The following table includes the memory configurations for desktop Macintosh computers.

For information about upgrading the memory in another Macintosh computer, use the search string "memory configurations" to locate the following articles:

- "Memory Configurations: Power Macintosh (1 of 4)"
- "Memory Configurations: Servers (2 of 4)"
- "Memory Configurations: Portables & PowerBook (3 of 4)"

Notes:

* The following computers are not 32-bit clean. They require the 32-bit System Enabler for System 7.1 or the MODE32 Version 7.5 for System 7.5.x in order to run in 32-bit mode and take advantage of more than 8 MB of physical RAM:
Macintosh Plus, SE, SE/30, II, IIx, and IICx

* Memory interleaving is supported in the Macintosh Quadra 800 and 650 computers when SIMMs are installed in pairs.

Begin_Table

Macintosh RAM Configurations

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| Compact Macintosh Models                                     |
+-----+-----+-----+-----+-----+-----+-----+-----+
|          |          |          |          |          |          |          |          |          |          |
| Sold-# of |          |          |          |          |          |          |          |          |          |
| ered | SIMM/ | Supported |          |          |          |          |          |          |          |
| RAM  | DIMM  | SIMM/DIMM | DRAM Configs | Speed | RAM  | RAM  | Groups |
Computer | (MB) | Slots | Sizes (MB) | (MB)   | (ns) | Type | (MB) | of
+-----+-----+-----+-----+-----+-----+-----+-----+
128      | 128K | 0     | N/A      | 128K   | N/A  | N/A  | N/A  |
-----+-----+-----+-----+-----+-----+-----+-----+

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512K/512KE	512K	0	N/A	512K	N/A	N/A	N/A	2
Plus	0	4	256K,1	1,2.5,4	150	30-pin SIMM	4	2
SE	0	4	256K,1	1,2,2.5,4	150	30-pin SIMM	4	2
SE/30	0	8	256K,1,4	1,2,4,5,8,16 17,20,32	120	30-pin SIMM	32	4
Classic	1	2	256K,1	1,2,2.5,4	150	30-pin SIMM	4	2
Classic II Performa 200	2	2	1,2,4	2,4,6,10	100	30-pin SIMM	10	2
Color Classic	4	2	1,2,4	4,6,8,10	100	30-pin SIMM	10	2

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| Macintosh II Models |

Computer	Sold- ered RAM (MB)	# of SIMM/ DIMM Slots	Supported SIMM/DIMM Sizes (MB)	DRAM Configs (MB)	RAM Speed (ns)	RAM Type	Max. RAM (MB)	In- stall in Groups of
II	0	8	256K,1,4,16	1,2,4,5,8,16 17,20,32,64, 65,68,80,128	120	30-pin SIMM	128	4
IIx	0	8	256K,1,4,16	1,2,4,5,8,16 17,20,32,64, 65,68,80,128	120	30-pin SIMM	128	4
IIcx	0	8	256K,1,4,16	1,2,4,5,8,16 17,20,32,64, 65,68,80,128	120	30-pin SIMM	128	4
IIci	0	8	256K,512K 1,2,4,16	1,2,3,4,5,6, 8,9,10,12,16 17,18,20,24, 32 to 128	80	30-pin SIMM	128	4
IIfx	0	8	1,4,16	4,8,16,20 32 to 128	80	64-pin SIMM	128	4
IIsi	1	4	256K,512K, 1,2,4	1,2,3,5,9,17	100	30-pin SIMM	17	4

IIvi, IIvx Performa 600	4	4	256K,1,2,4 16	4,5,8,12,20, 68	80	30-pin SIMM	68	4
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LC & Performa Models

Computer	Sold- RAM (MB)	# of SIMM/ DIMM Slots	Supported SIMM/DIMM Sizes (MB)	DRAM Configs (MB)	RAM Speed (ns)	RAM Type	Max. RAM (MB)	In- stall in Group of
LC	2	2	1,2,4	2,4,6,10	100	30-pin SIMM	10	2
LC II Performa 400, 405, 410, 430	2 4	2	1,2,4	2,4,6,10 4,6,8,10	100	30-pin SIMM	10	2
LC III Performa 450, 460, 466, 467	4	1	1,2,4,8,16, 32	4,5,6,8,12, 20,36	80	72-pin SIMM	36	1
LC 475 Quadra 605 Performa 475, 476	4	1	1,2,4,8,16, 32	4,5,6,8,12, 20,36	80	72-pin SIMM	36	1
LC 520	4	1	1,2,4,8,16 32	4,5,6,8,12, 20,36	80	72-pin SIMM	36	1
LC 550 Performa 550, 560	4	1	1,2,4,8,16 32	4,5,6,8,12, 20,36	80	72-pin SIMM	36	1
LC 575 Performa 575, 577, 578	4	1	1,2,4,8,16 32	4,5,6,8,12, 20,36	80	72-pin SIMM	36	1
LC 580 Performa 580 Performa 631	4	2	Inside slot 1,4,16 Outside slot: 1,2,4,8,16 32	6,7,9,10,12, 13,21,22,24, 28,36,37,40, 46,52	80	72-pin SIMM	52	1
LC 630, Quadra 630	4	1	1,2,4,8,16	4,8,20,36	80	72-pin SIMM	36	1

Performa 630, 635, 636, 637, 638									
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LC 630 DOS Compatible Performa 640 DOS	4	2 + (1 on DOS card)	1,2,4,8,16 32	4,5,6,8, 12,20,36, 52	80	72-pin SIMM	52 52	1
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| Macintosh Quadra & Centris
| Models
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Computer	Sold- RAM (MB)	# of DIMM Slots	Supported SIMM/DIMM Sizes (MB)	Supported DRAM Configs (MB)	RAM Speed (ns)	RAM Type	Max. RAM (MB)	In- stall in Groups of
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Centris 610	4	2	4,8,16,32	4,8,12,20,28 36,40,44,52, 68	80	72-pin SIMM	68	1,2
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Quadra 610	4	2	4,8,16,32 non-	4,8,12,20,28 36,40,44,52, 68	80	72-pin SIMM	68	1,2
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Centris 650	4 or 8	4	4,8,16,32	4,8,12,16,20 24,28,32,36, 40,44,48,52, 56,60,64,68, 72,76,80,84, 88,92,100, 104,108,116, 132	80	72-pin SIMM	132	1,2
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Quadra 650	8	4	4,8,16,32	8,12,16,20, 24,28,32,36, 40,48,52,56, 60,64,68,72, 76,80,84,88, 108,112,120, 136-169	80	72-pin SIMM	169	1,2
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Centris/ Quadra 660AV	8	2	4,8,16,32	4,8,12,20,36 68	70	72-pin SIMM	68	1,2
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Quadra 700	4	4	1,4	4,8,20	80	30-pin SIMM	20	4
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Quadra	0	16	1,4	4,8,12,16,20	80	30-pin	64	4
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900				24,28,32,36, 40,48,52,64		SIMM		
Quadra 950	0	16	1,4	4,8,12,16,20 24,28,32,36, 40,48,52,64	80	30-pin	64	4
Quadra 800	8	4	4,8,16,32	8,12,16,20, 24,28,32,36, 40,42,48,52, 56,60,64,68, 72,76,80,84, 88,92,96,104 108,112,120 136	60	72-pin	136	1,2
Quadra 840AV	0	4	4,8,16,32	4,8,12,16,20 20,24,28,32, 32,36,40,44, 48,52,56,60, 64,68,72,76, 80,84,88,92, 96,100,104, 108,112,116, 120,124,128	60	72-pin	128	1,2

End_Table

Article Change History:

23 Sep 1996 - Reformatted, reviewed, and updated.

27 Jun 1996 - Added additional computers.

02 Jan 1996 - Updated Quadra 840AV information.

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