

Refresh						
Horizontal Refresh	35 kHz	35 kHz	35 kHz	35 kHz	35 kHz	35 kHz
Dots Per Inch (DPI)	67	67	69	69	69	64
Dot Pitch	0.39 mm	0.28 mm	0.26 mm	0.26 mm	0.26 mm	0.26 mm
* Note: All of these monitors display the same video depth at 640 x 480 resolution, so only one column is listed in the chart for all monitors.						

LC Family	VRAM	Performa	Performa Plus	13/14-in Displays, Multiple Scan @ 640x480
LC/LC II	256K 512K	16 C 256 C	16 C 256 C	16 C (1) 256 C (1)
LC III	512K 768K	256 C 32,768 C	256 C 32,768 C	256 C 32,768 C
LC 475	512K 1MB	256 C 32,768 C	256 C 32,768 C	256 C 32,768 C
LC 550	512K 1MB	N/A N/A	N/A N/A	256 C (2) 32,768 C (2)
LC 575		N/A	N/A	32,768 C (2)
LC 630		32,768 C	32,768 C	32,768 C

C = Number of Colors

Notes: (1) Requires a display adapter with Multiple Scan 15 Display.
(2) This is a built-in Trinitron display.

Performa Family	VRAM	Performa	Performa Plus	13/14-in Displays, Multiple Scan @ 640x480
400/405	256K	16 C	16 C	16 C (1)
/410/430	512K	256 C	256 C	256 C (1)
450	512K	256 C	256 C	256 C

	768K	32,768 C	32,768 C	32,768 C
460/466 /467	512K 768K	256 C 32,768 C	256 C 32,768 C	256 C 32,768 C
475/476	512K 1MB	256 C 32,768 C	256 C 32,768 C	256 C 32,768 C
550/560 /575/577 /578		N/A	N/A	32,768 C (2)
600/600CD	512K 1MB	256 C 32,768 C	256 C 32,768 C	256 C (1) 32,768 C (1)
630 series		32,768 C	32,768 C	32,768 C
6200		32,768 C	32,768 C	32,768 C
6300		32,768 C	32,768 C	32,768 C
6400	1 MB	32,768 C	32,768 C	32,768 C
Mac TV		N/A	N/A	256 C (2)

C = Number of Colors

Notes: (1) Requires a display adapter with Multiple Scan Displays.
(2) This is a built-in Trinitron display.

Macintosh II Family	VRAM	Performa	Performa Plus	13/14-in Displays, Multiple Scan @ 640x480
IIsi		256 C	256 C	256 C (3)
IIci		256 C	256 C	256 C (3)
IIvi/IIvx	512K 1MB	256 C 32,768 C	256 C 32,768 C	256 C (1) 32,768 C (1)
II/IIx/ /IIcx/IIfx		N/A	N/A	See note*

C = Number of Colors

* No built-in video and requires a video card.

Notes:

- (1) Requires a display adapter with Multiple Scan 15 Display.
- (3) The Multiple Scan 14 and Multiple Scan 15 Display require a special third-party display adapter for use with the Macintosh IIsi and IIfx computers.

Centris Quadra Family	VRAM	Performa	Performa Plus	13/14-in Displays, Multiple Scan @ 640x480
605	512K	256 C	256 C	256 C
	1MB	32,768 C	32,768 C	32,768 C
610/650	512K	256 C	256 C	256 C
	1MB	32,768 C	32,768 C	32,768 C
660AV	1MB	32,768 C	32,768 C	32,768 C
630		32,768 C	32,768 C	32,768 C
700	512K	256 C	256 C	256 C
	1MB	256 C	256 C	256 C
	2MB	16.7M C	16.7M C	16.7M C
800	512K	256 C	256 C	256 C
	1MB	32,768 C	32,768 C	32,768 C
840AV	1MB	32,768 C	32,768 C	32,768 C
	2MB	16.7M C	16.7M C	16.7M C
900	1MB	256 C	256 C	256 C
	2MB	16.7M C	16.7M C	16.7M C
950	1MB	256 C	256 C	256 C
	2MB	16.7M C	16.7M C	16.7M C

C = Number of Colors

Notes: For the AV computers pixel and viewable color numbers are for computer graphics only. When video is enabled, VRAM is split evenly between graphics and video.

The following computers are in the Macintosh 630 family: Performa 630, Performa 635, Performa 636, Performa 637, Performa 638, LC 630, and Quadra 630.

Power Macintosh Family	VRAM	Performa	Performa Plus	13/14-in Displays, Multiple Scan @ 640x480
5400	1MB	N/A	N/A	32,768 C
6100	HDI45*	32,768 C	32,768 C	32,768 C
6100AV	2MB	16.7M C	16.7M C	16.7M C
7100	HDI45*	32,768 C	32,768 C	32,768 C
	1MB	32,768 C	32,768 C	32,768 C
	2MB	16.7M C	16.7M C	16.7M C
7100AV	2MB	16.7M C	16.7M C	16.7M C
7200	1MB	32,768 C	32,768 C	32,768 C
	2MB	16.7M C	16.7M C	16.7M C
	4MB	16.7M C	16.7M C	16.7M C
7500	2MB	16.7M C	16.7M C	16.7M C
	4MB	16.7M C	16.7M C	16.7M C
7600	2MB	16.7M C	16.7M C	16.7M C
	4MB	16.7M C	16.7M C	16.7M C
8100	HDI45*	32,768 C	32,768 C	32,768 C
	2MB	16.7M C	16.7M C	16.7M C
	4MB	16.7M C	16.7M C	16.7M C
8100AV	2MB	16.7M C	16.7M C	16.7M C
8500	2MB	16.7M C	16.7M C	16.7M C
	4MB	16.7M C	16.7M C	16.7M C
9500/120	2MB	16.7M C	16.7M C	16.7M C
	4MB	16.7M C	16.7M C	16.7M C

* = HDI-45 port makes use of 640K of internal DRAM memory.

C = Number of Colors

Note: For the Power Macintosh AV computers pixel and viewable color numbers are for computer graphics only. When video is enabled, VRAM is split evenly between graphics and video.

(8) - This is a built-in 15-in. Display

PowerBook Family	VRAM	Performa	Performa Plus	13/14-in Displays, Multiple Scan @ 640x480
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PowerBook				
160/165		256 C	256 C	256 C
/c/180/c				
500 Series		256 C	256 C	256 C
5300 Series		256 C	256 C	256 C
190 Series		256 C	256 C	256 C
Duo Dock	512K	256 C	256 C	256 C (5)
	1MB	32,768 C	32,768 C	32,768 C (5)
MiniDock	512K	256 C	256 C	256 C
Duo Dock II		32,768 C	32,768 C	32,768 C

C = Number of Colors

Display Card	Performa	Performa Plus	13/14-in Displays	Multiple Scan @ 640x480
Macintosh II	N/A	N/A	16 C	N/A
2-Page Mono Card	N/A	N/A	N/A	N/A
Portrait	N/A	N/A	N/A	N/A
Mono	N/A	N/A	N/A	N/A
High-Res Card (6)	16 C	16 C	16 C	16 C
Ext High-Res Card	256 C	256 C	256 C	256 C
4•8 (7)	256 C	256 C	256 C	256 C
8•24	16.7M C	16.7M C	16.7M C	16.7M C
8•24GC	16.7M C	16.7M C	16.7M C	16.7M C
Display Card 24 AC	16.7M C	16.7M C	16.7M C	16.7M C

C = Number of Colors

Notes: (6) Can be upgraded with eight (8) Mac II Video Expansion RAM chips (Service PN: 334-002) for 256 grays/colors.

(7) The 4•8 can be upgraded to a 8•24 by adding two (2) VRAM SIMMs (Service PN: 661-0609).

End_Table

Display adapters are available from several third-pary companies such as

Enhanced Cable Technology, Griffin Technology, and MacAdapt.

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Article Change History:

27 Nov 1996 - Added 6300 Series information.

18 Nov 1996 - Added 6400 information

15 Jul 1996 - Added adapter needed for Performa 600 with Multiple Scan displays.

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Keywords: ktable, review

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19961127 14:16:41.00

Tech Info Library Article Number: 15878