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Apple Multiple Scan 14 Display: Macintosh Video Support (6/96)

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TOPIC -----

This article gives the video modes supported on each Macintosh computer with the Apple Multiple Scan 14 Display, and which computers require display adapters. This display supports resolutions of 640x480 to 800x600.

DISCUSSION -----

Begin_Table

Apple Multiple Scan 14 * Macintosh Video Support			
Product Family	Model	Resolution Supported	
		640x480	800x600 (1)
Power Macintosh	6100, 7100, 7200, 7500, 8100, 8500, 9500	Yes	No
Quadra/Centris	605, 610, 630, 650, 700, 800, 900, 950	Yes	Yes
	660AV, 840AV	Yes	Yes
Macintosh II	IIci	Yes (2)	Yes (2)
	IIsi	Yes (3)	Yes (3)
	IIvi, IIvx	Yes (4)	Yes (2)
	II, IIx, IIcx, IIfx	Yes (2)	Yes (2)
Macintosh LC	LC 475, LC 630	Yes	Yes
	LC 520, LC 575	No	No
	LC, LC II	Yes (4)	No

	LC III	Yes	No
	LC 5200	Yes (5)	Yes (5)
Macintosh TV	Macintosh TV	No	No
Performa	400, 405, 410, 430	Yes (4)	No
	450, 460, 466, 467	Yes	No
	475, 476	Yes	Yes
	550, 560, 575, 577, 578,	No	No
	600, 600CD	Yes (4)	Yes (2)
	630 series	Yes	Yes
	5200	No	No
	6100 series	Yes	No
	6200 series	Yes	No
	PowerBook	160, 165, 165c, 180, 180c	Yes
100, 140, 145, 170		No	No
190, 190cs		No	No
190, 190cs with video out upgrade kit installed		Yes	Yes
520, 520c, 540, 540c		Yes	Yes
5300, 5300cs, 5300c, 5300ce		Yes	Yes
PowerBook Duo	210, 230, 250, 270c, 2300c	No	No
	MiniDock, Duo Dock, Duo Dock II	Yes	Yes (2)
Apple Display Cards	24AC	Yes	Yes
	8•24, 8•24 GC 4•8	Yes	No
	Mac II video card	No	No
	2-Page MoN video card		
	Mac II MoN video card Mac II Portrait video card Mac II HiRes video card		

	Mac II Ext HiRes video		
	card		
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Notes:

- (1) - Non-Macintosh "hidden" resolutions, such as 800x600 and 640x400 are not available with System 7.5.1 and higher
- (2) - Requires compatible display card or display adapter.
- (3) - Requires compatible display card and Macintosh IIsi NuBus Adapter card or display adapter.
- (4) - Requires a display adapter.
- (5) - Requires the Apple External Video Connector (p/n M4099LL/A). Only supports video mirroring. When using video mirroring, the image on the second monitor is the same as that on the built-in monitor.

End_Table

Display Adapters

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The adapters, available through Apple resellers and the third-party companies, contain a sense code that tricks the Macintosh into believing that the display is fixed frequency display. Without the adapter, the display will be fixed at a 640x480 resolution. The display adapter also provides the proper sync signal from some computers built-in video to the Multiple Scan 14 Display.

Display adapters are available from several third-pary companies such as Enhanced Cable Technology, Griffin Technology, and MacAdapt.

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The Tech Info Library article titled "Locating Vendor Information" can help you search for a particular vendor's address and phone number.

Article Change History:

- 18 Jun 1996 - Added more display adapter information.
- 31 May 1996 - Added note about 800x600 availability on System 7.5.1 and higher.
- 09 Feb 1996 - Added additional display adapter information.

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