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Apple Multiple Scan 17 Display: Using Display Adapters (3/96)

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TOPIC -----

This article provides information on which Apple video cards and computers need display adapters to get greater resolution from the Apple Multiple Scan 17 Display.

DISCUSSION -----

The Apple Multiple Scan 17 Display has several resolutions. Macintosh computers designed before the introduction of Apple Multiple Scan 17 Display will only recognize the display as a 14-in color display without an adapter. Display 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 16-in. or 19-in. display. Without the adapter, the display will be fixed at a 640x480 resolution.

Computers and Video Cards Not Requiring Video Adapters

- Power Macintosh family
- Macintosh Centris
- Macintosh Quadra
- Macintosh LC 475
- Macintosh Performa 475 and 476
- Macintosh Display Card 24AC
- Macintosh 630 Family

These units use the Apple Multiple Scan software to change resolutions.

Computers and Video Cards Requiring Video Adapters

- Macintosh II Family
- PowerBooks
- Duo Dock and MiniDock*
- Macintosh Performa Computers (except 475 and 476)
- Macintosh LC, LC II, LC III
- Video Cards - 4•8, 8•24, 8•24GC

* - The Duo Dock does not require a video adapter to change resolutions when System 7.5 is installed.

Maximum Resolutions With Video Adapters

Computer	832x624	Notes
Macintosh II	No	1
Macintosh IIX	No	1
Macintosh IIfx	No	1
Macintosh IICx	No	1
Macintosh IIci	No	2
Macintosh IIsi	No	2
Macintosh IIvx	No	2
Macintosh LC	No	2
Macintosh LC II	No	2
Macintosh LC III	Yes	
Performa 400	No	2
Performa 405	No	2
Performa 410	No	2
Performa 430	No	2
Performa 450	Yes	
Performa 460	Yes	
Performa 466	Yes	
Performa 467	Yes	
Performa 600	No	2
PowerBook 160	Yes	
PowerBook 165	Yes	
PowerBook 165C	Yes	
PowerBook 180	Yes	
PowerBook 180C	Yes	
Duo & MiniDock	Yes	3
4•8, 8•24, 8•24GC	Yes	

Notes:

- 1) No built-in video. Video is limited only by the video card used.
- 2) Limited to a resolution of 640x480 with built-in video.
- 3) The Duo Dock does not require a video adapter to change resolutions when System 7.5 is installed.

Display adapters are available from several third-party 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.

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

Article Change History:

15 Mar 1996 - Corrected PowerBook model.

09 Feb 1996 - Added additional adapter information.

20 Apr 1995 - Added System 7.5 and Dou Dock information.

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