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

Revised: 3/15/96  
Security: Everyone

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  
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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  
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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

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Computer	832x624	Notes
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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-pary companies such as Enhanced Cable Technology, Griffin Technology, and MacAdapt.

This article provides information about a non-Apple product. Apple Computer,

Inc. is not responsible for its content. Please contact the vendor for additional information.

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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