



# Tech Info Library

## PowerBook 500 Series: External Video Support (8/95)

Revised: 8/29/95  
Security: Everyone

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### TOPIC -----

What is the highest bit depth the PowerBook 520 & 520c and PowerBook 540 & 540c are capable of using with an external monitor attached?

Can the internal video RAM be expanded to provide for more colors?

### DISCUSSION -----

The highest bit depth at 640X480 (or any resolution) is 8 bits per pixel.

The PowerBook 500 series come with 512K VRAM, which is not expandable.

Begin\_Table

### External Video Support -----

Display	Resolution(HxV)	Bits/Pixel
12-in. RGB Display	512x384	1-8bpp
12-in. Monochrome Display	640x480	1-8bpp
13/14-in. RGB Display	640x480	1-8bpp
VGA (60 Hz)	640x480	1-8bpp
SuperVGA (56 Hz)	800x600	1-8bpp
VESA 1024x768 (60 Hz)	1024x768	1-4bpp
Portrait Display	640x870	1-4bpp
Portrait Display	640x818	1-8bpp
16-in. RGB Display	832x624	1-8bpp

Multiple Scan 17 Display	640x480	1-8bpp
	832x624	1-8bpp
Multiple Scan 20 Display	640x480	1-8bpp
	832x624	1-8bpp

End\_Table

Article Change History:

28 Aug 1995 - Removed \*s from table which referred to removed footnote.

08 Nov 1994 - Removed 15-in. Resolutions and incorrect footnote.

05 Aug 1994 - Removed sense code information.

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