

Sheet1

VIDEO MEMORY REQUIRED TO MANAGE 16- AND 256-COLOR DRIVERS

Display driver
VGA, 16 colors
VGA, 256 colors
SVGA, 16 colors
SVGA, 256 colors
8514, 16 colors
8514, 256 colors

Figure 1: Looking at the amount of video memory that your display driver has to manage will give you a feel for its relative spe

Columns	Rows	Bits-per-pixel (colors)	Bits	Bytes
640	480	4 (16)	1228800	153600
640	480	8 (256)	2457600	307200
800	600	4 (16)	1920000	240000
800	600	8 (256)	3840000	480000
1024	768	4 (16)	3145728	393216
1024	768	8 (256)	6291456	786432