

425SX (259-7706/7713)
 433SX (259-7707/7714)
 433DX (259-7708/7715)
 450DX2 (259-7709/7716)
 466DX2 (259-7710/7717)

Video Modes

Faxback Doc. # 3160

Below are the video modes for the Tandy Omni II Desktop and Mid Tower computers.

Standard VGA Modes

Mode No. (Hex)	Display Mode/Screen Resolution	Colors	Buffer Start	Sweep/Refresh Rate (KHz/Hz)	Dot Clock (MHz)
00*	T 40x25 Chars	b/w	B8000	31.5/70	25.175
00+	T 40x25 Chars	b/w	B8000	31.5/70	25.175
00!	T 40x25 Chars	b/w	B8000	31.5/70	28.322
01	T 40x25 Chars	16	B8000	31.5/70	25.175
01+	T 40x25 Chars	16	B8000	31.5/70	25.175
01!	T 40x25 Chars	16	B8000	31.5/70	28.322
02	T 80x25 Chars	b/w	B8000	31.5/70	25.175
02+	T 80x25 Chars	b/w	B8000	31.5/70	25.175
02!	T 80x25 Chars	b/w	B8000	31.5/70	28.322
03	T 80x25 Chars	16	B8000	31.5/70	25.175
03+	T 80x25 Chars	16	B8000	31.5/70	25.175
03!	T 80x25 Chars	16	B8000	31.5/70	28.322
04	G 320x200	4	B8000	31.5/70	25.175
05	G 320x200	4	B8000	31.5/70	25.175
06	G 640x200	2	B8000	31.5/70	25.175
07	T 80x25 Chars	Mono	B0000	31.5/70	28.322
07!	T 80x25 Chars	Mono	B0000	31.5/70	28.322
0D	G 320x200	16	A0000	31.5/70	25.175
0E	G 640x200	16	A0000	31.5/70	25.175
0F	G 640x350	Mono	A0000	31.5/70	25.175
10	G 640x350	16	A0000	31.5/70	25.175
11	G 640x480	2	A0000	31.5/60	25.175
12	G 640x480	16	A0000	31.5/60	25.175
13	G 320x200	256	A0000	31.5/70	25.175

* Character size for the standard mode is 8x8, unless otherwise indicated.
 + Character size is 8x14.
 ! Character size is 9x16.
 T=Text.
 G=Graphics.

Extended VGA Modes

Mode No. (Hex) / Internal Mode	Display Mode/Screen Resolution	Colors	Buffer Start	Sweep/Refresh Rate (KHz/Hz)	Dot Clock (MHz)	Monitor ID (Bits 1,0)
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10A	54	T	132x43 Chars	16	B8000	37.9/60	40.000	10
109	55	T	132x25 Chars	16	B8000	37.9/60	40.000	10
101	69	G	640x480	256	A0000	31.5/60	25.175	10
101	69	G	640x480	256	A0000	37.9/72	31.500	11
102	6A	G	800x600	16	A0000	35.1/56	36.000	01
102	6A	G	800x600	16	A0000	37.9/60	40.000	10
102	6A	G	800x600	16	A0000	48.1/72	50.000	11
103	6B	G	800x600	256	A0000	35.1/56	36.000	01
103	6B	G	800x600	256	A0000	37.9/60	40.000	10
103	6B	G	800x600	256	A0000	48.1/72	50.000	11
104	6C	G	1024x768	16	A0000	35.5/43I	44.900	00
104	6C	G	1024x768	16	A0000	48.4/60	65.000	10
104	6C	G	1024x768	16	A0000	56.5/72	75.000	11
105	6D	G	1024x768	256	A0000	35.5/43I	44.900	00
105	6D	G	1024x768	256	A0000	48.4/60	65.000	10
105	6D	G	1024x768	256	A0000	56.5/72	75.000	11
106	71	G	1280x1024	16	A0000	46/43I	75.000	00
107	72	G	1280x1024	256	A0000	46/43I	75.000	00
110	6E	G	640x480	32768	A0000	31.5/60	50.000	10
111	6F	G	640x480	65535	A0000	31.5/60	50.000	10
112	70	G	640x480	16.7M	A0000	31.5/60	75.000	10
114	74	G	800x600	65535	A0000	40/60	80.000	10

T=text.
G=graphics.
I=interlaced
1MB of video memory required.
2MB of video memory is required
2MB of video memory is recommended for optimum performance.

Enhanced VGA Modes

Mode No. (Hex) / Internal Mode	Display Mode/ Screen Resolution	Colors	Buffer Start	Sweep/ Refresh Rate (KHz/Hz)	Dot Clock (MHz)	Monitor ID (Bits 1,0)	
201	49	640x480	256	A0000	31.5/60	25.175	10
201	49	640x480	256	A0000	37.9/72	31.500	11
202	4A	800x600	16	A0000	35.1/56	36.000	01
202	4A	800x600	16	A0000	37.9/60	40.000	10
202	4A	800x600	16	A0000	48.1/72	50.000	11
203	4B	800x600	256	A0000	35.1/56	36.000	01
203	4B	800x600	256	A0000	37.9/60	40.000	10
203	4B	800x600	256	A0000	48.1/72	50.000	11
204	4C	1024x768	16	A0000	35.5/43	44.900	00
204	4C	1024x768	16	A0000	48.4/60	65.000	10
204	4C	1024x768	16	A0000	56.5/72	75.000	11
205	4D	1024x768	256	A0000	35.5/43	44.900	00
205	4D	1024x768	256	A0000	48.4/60	65.000	10
205	4D	1024x768	256	A0000	56.5/72	75.000	11
208	52	1280x1024	16	A0000	48.25/45I	75.000	00
211	4F	640x480	65535	A0000	31.5/60	50.000	10

212	50	640x480	16.7M	A0000	31.5/60	75.000	10
301	4E	640x480	32768	A0000	31.5/60	50.000	10
G=graphics. I-interlaced. 1MB of video memory is required.							

(all-8/16/94)