Values for video mode

	text/	text	pixel	pixel	colors	disply	scrn	system
	grph	resol	box	resolution		pages	addr	
00h	T	40×25	8×8	320×200	16gray	8	B800	CGA,PCjr,Tandy
	T	40×25	8×14	320×350	16gray	8	B800	EGA
	T	40×25	8×16	320×400	16	8	B800	MCGA
	T	40×25	9×16	360×400	16	8	B800	VGA
01h	T	40×25	8×8	320×200	16	8	B800	CGA,PCjr,Tandy
	T	40×25	8×14	320×350	16	8	B800	EGA
	T	40×25	8×16	320×400	16	8	B800	MCGA
	T	40×25	9×16	360×400	16	8	B800	VGA
02h	T	80×25	8×8	640×200	16gray	4	B800	CGA,PCjr,Tandy
	T	80×25	8×14	640×350	16gray	8	B800	EGA
	T	80×25	8×16	640×400	16	8	B800	MCGA
	T	80×25	9×16	720×400	16	8	B800	VGA
03h	T	80×25	8×8	640×200	16	4	B800	CGA,PCjr,Tandy
	T	80×25	8×14	640×350	16/64	8	B800	EGA
	T	80×25	8×16	640×400	16	8	B800	MCGA
	T	80×25	9×16	720×400	16	8	B800	VGA
	T	80×43	8×8	640×350	16	4	B800	EGA,VGA [17]
	T	80×50	8×8	640×400	16	4	B800	VGA [17]
04h	G	40×25	8×8	320×200	4	.	B800	CGA,PCjr,EGA,MCGA,VGA
05h	G	40×25	8×8	320×200	4gray	.	B800	CGA,PCjr,EGA
	G	40×25	8×8	320×200	4	.	B800	MCGA,VGA
06h	G	80×25	8×8	640×200	2	.	B800	CGA,PCjr,EGA,MCGA,VGA
	G	80×25	.	.	mono	.	B000	HERCULES.COM on HGC [14]
07h	T	80×25	9×14	720×350	mono	var	B000	MDA,Hercules,EGA
	T	80×25	9×16	720×400	mono	.	B000	VGA
08h	T	132×25	8×8	1056×200	16	.	B800	ATI EGA/VGA Wonder [2]
	T	132×25	8×8	1056×200	mono	.	B000	ATI EGA/VGA Wonder [2]
	G	20×25	8×8	160×200	16	.	.	PCjr, Tandy 1000
	G	80×25	8×16	640×400	color	.	.	Tandy 2000
	G	90×43	8×8	720×348	mono	.	B000	Hercules + MSHERC.COM
	G	90×45	8×8	720×360	mono	.	B000	Hercules + HERKULES [11]
	G	90×29	8×12	720×348	mono	.	.	Hercules + HERCBIOS [15]
09h	G	40×25	8×8	320×200	16	.	.	PCjr, Tandy 1000
	G	80×25	8×16	640×400	mono	.	.	Tandy 2000
	G	90×43	8×8	720×348	mono	.	.	Hercules + HERCBIOS [15]
0Ah	G	80×25	8×8	640×200	4	.	.	PCjr, Tandy 1000
0Bh	reserved							(EGA BIOS internal use)
	G	80×25	8×8	640×200	16	.	.	Tandy 1000 SL/TL [13]
0Ch	reserved							(EGA BIOS internal use)
0Dh	G	40×25	8×8	320×200	16	8	A000	EGA,VGA
0Eh	G	80×25	8×8	640×200	16	4	A000	EGA,VGA

	text/	text	pixel	pixel	colors	disply	scrn	system
	grph	resol	box	resolution		pages	addr	
0Fh	G	80×25	8×14	640×350	mono	2	A000	EGA,VGA
10h	G	80×25	8×14	640×350	4	2	A000	64k EGA
	G	.	.	640×350	16	.	A000	256k EGA,VGA
11h	G	80×30	8×16	640×480	mono	.	A000	VGA,MCGA,ATI EGA,ATI VIP
12h	G	80×30	8×16	640×480	16/256K	.	A000	VGA,ATI VIP
	G	80×30	8×16	640×480	16/64	.	A000	ATI EGA Wonder
	G	.	.	640×480	16	.	.	UltraVision+256K EGA
13h	G	40×25	8×8	320×200	256/256K	.	A000	VGA,MCGA,ATI VIP
14h	T	132×25	Nx16	.	16	.	B800	XGA, IBM Enhanced VGA [3]
	T	132×25	8×16	1056×400	16/256K	.	.	Cirrus CL-GD5420/5422/5426
	G	80×25	8×8	640×200	.	.	.	Lava Chrome II EGA
	G	.	.	640×400	16	.	.	Tecmar VGA/AD
15h	G	80×25	8×14	640×350	.	.	.	Lava Chrome II EGA
16h	G	80×25	8×14	640×350	.	.	.	Lava Chrome II EGA
	G	.	.	800×600	16	.	.	Tecmar VGA/AD
17h	T	132×25	.	.	.	.	.	Tecmar VGA/AD
	T	80×43	8×8	640×348	16	4	B800	Tseng ET4000 BIOS [10]
	G	80×34	8×14	640×480	.	.	.	Lava Chrome II EGA
18h	T	80×30	9×16	720×480	16	1	A000	Realtek RTVGA [12]
	T	132×25	.	.	mono	.	B000	Cirrus 5320 chipset
	T	132×44	8×8	1056×352	mono	.	B000	Tseng Labs EVA
	T	132×44	9×8	1188×352	4gray	2	B000	Tseng ET3000 chipset
	T	132×44	8×8	1056×352	16/256	2	B000	Tseng ET4000 chipset
	G	80×34	8×14	640×480	.	.	.	Lava Chrome II EGA
	G	.	.	1024×768	16	.	.	Tecmar VGA/AD
19h	T	80×43	9×11	720×473	16	1	A000	Realtek RTVGA [12]
	T	132×25	8×14	1056×350	mono	.	B000	Tseng Labs EVA
	T	132×25	9×14	1188×350	4gray	4	B000	Tseng ET3000 chipset
	T	132×25	8×14	1056×350	16/256	4	B000	Tseng ET4000 chipset
	T	132×34	.	.	mono	.	B000	Cirrus 5320 chipset
1Ah	T	80×60	9×8	720×480	16	1	A000	Realtek RTVGA [12]
	T	132×28	8×13	1056×364	mono	.	B000	Tseng Labs EVA
	T	132×28	9×13	1188×364	4gray	4	B000	Tseng ET3000 chipset
	T	132×28	8×13	1056×364	16/256	4	B000	Tseng ET4000 chipset
	T	132×44	.	.	mono	.	B000	Cirrus 5320 chipset
	G	.	.	640×350	256	.	.	Tecmar VGA/AD
1Bh	T	132×25	9×14	1188×350	16	1	A000	Realtek RTVGA [12]
	G	.	.	640×400	256	.	.	Tecmar VGA/AD
1Ch	T	132×25	.	.	.	.	.	Cirrus 5320 chipset
	T	132×30	9×16	1188×480	16	1	A000	Realtek RTVGA [12]
	G	.	.	640×480	256	.	.	Tecmar VGA/AD
1Dh	T	132×43	.	.	.	.	.	Cirrus 5320 chipset
	T	132×43	9×11	1188×473	16	1	A000	Realtek RTVGA [12]
	G	.	.	800×600	256	.	.	Tecmar VGA/AD

	text/	text	pixel	pixel	colors	disply	scrn	system
	grph	resol	box	resolution		pages	addr	
1Eh	T	132×44	.	.	.	.	.	Cirrus 5320 chipset
	T	132×60	9×8	1188×480	16	1	A000	Realtek RTVGA [12]
1Fh	G	100×75	8×8	800×600	16	1	A000	Realtek RTVGA
20h	T	132×25	.	.	16	.	.	Avance Logic AL2101
	G	40×16	.	240×128	mono	.	B000	HP 95LX/100LX/200LX
	G	80×30	8×16	640×480	16	.	.	C&T 64310/65530 BIOS
	G	120×45	8×16	960×720	16	1	A000	Realtek RTVGA
21h	T	80×25	.	.	mono	.	B000	HP 200LX
	T	132×30	.	.	16	.	.	Avance Logic AL2101
	T	132×44	9×9	1188×396	16/256K	.	B800	WD90C
	T	132×44	9×9	1188×396	16	.	B800	Diamond Speedstar 24X
	T	132×60	.	.	16	2	B800	Tseng ET4000 chipset [10]
	G	80×43	8×8	720×348	mono	.	B000	DESQview 2.x+Hercules [4]
	G	128×48	8×16	1024×768	16	1	A000	Realtek RTVGA [12]
22h	T	132×43	.	.	.	.	.	Allstar Peacock (VGA)
	T	132×43	.	.	16	.	.	Avance Logic AL2101
	T	132×44	8×8	1056×352	.	.	B800	Tseng Labs EVA
	T	132×44	9×8	1188×352	16/256K	2	B800	Tseng ET3000 chipset
	T	132×44	8×8	1056×352	16/256K	2	B800	Tseng ET4000 chipset
	T	132×44	8×8	1056×352	.	.	.	Ahead Systems EGA2001
	T	132×44	8×8	1056×352	16	2	B800	Ahead B
	T	132×44	8×9	1056×398	16	.	.	STB Lightspeed ET4000/W32P
	T	132×44	.	.	16	.	.	Orchid Prodesigner VGA
	G	80×43	8×8					
	G	96×64	8×16	768×1024	16	1	A000	Realtek RTVGA
	G	100×37	8×16	800×600	16	.	.	C&T 64310/65530 BIOS
23h	T	132×25	6×14	792×350	.	.	B800	Tseng Labs EVA
	T	132×25	9×14	1188×350	16/256K	4	B800	Tseng ET3000 chipset
	T	132×25	8×14	1056×350	16/256	4	B800	Tseng ET4000 chipset
	T	132×25	8×14	1056×350	.	.	.	Ahead Systems EGA2001
	T	132×25	8×14	1056×350	16	4	B800	Ahead B
	T	132×25	8×8	1056×200	16	.	B800	ATI EGA Wonder,ATI VIP
	T	132×25	.	.	.	.	.	Cirrus 5320 chipset
	T	132×28	.	.	.	.	.	Allstar Peacock (VGA)
	T	132×28	.	.	16	.	.	Orchid Prodesigner VGA
	T	132×60	.	.	16	.	.	Avance Logic AL2101
	G	128×48	8×16	1024×768	4	1	A000	Realtek RTVGA

	text/	text	pixel	pixel	colors	disply	scrn	system
	grph	resol	box	resolution		pages	addr	
24h	T	80×30	.	.	16	.	.	Avance Logic AL2101
	T	132×25	.	.	.	.	.	Allstar Peacock (VGA)
	T	132×25	.	.	16	.	.	Orchid Prodesigner VGA
	T	132×28	6×13	792×364	.	.	B800	Tseng Labs EVA
	T	132×28	9×13	1188×364	16/256K	4	B800	Tseng ET3000 chipset
	T	132×28	8×12	1056×336	16	1	B800	Ahead B
	T	132×28	8×13	1056×364	16/256K	4	B800	Tseng ET4000 chipset
	T	132×28	8×14	1056×392	16	.	.	STB Lightspeed ET4000/W32P
	T	132×28	.	.	.	.	.	Cirrus 5320 chipset
	G	64×32	8×16	512×512	256	1	A000	Realtek RTVGA
	G	128×48	8×16	1024×768	16	.	.	C&T 64310/65530 BIOS
25h	T	80×43	.	.	16	.	.	Avance Logic AL2101
	G	80×60	8×8	640×480	.	.	A000	Tseng Labs EVA
	G	80×60	8×8	640×480	16/256K	1	A000	Tseng ET3000/4000 chipset
	G	.	.	640×480	16	.	.	VEGA VGA
	G	80×60	8×8	640×480	16	.	A000	Orchid Prodesigner VGA
	G	80×60	8×8	640×480	16	1	A000	Ahead B (same as 26h)
	G	.	.	640×480	16	.	.	NEC GB-1
	G	.	.	640×480	16	.	.	Cirrus 5320 chipset
	G	.	.	640×400	256	.	.	Realtek RTVGA
26h	T	80×60	8×8	640×480	.	.	.	Tseng Labs EVA
	T	80×60	8×8	640×480	16/256K	3	B800	Tseng ET3000/4000 chipset
	T	80×60	.	.	.	.	.	Allstar Peacock (VGA)
	T	80×60	.	.	16	.	.	Orchid ProDesigner VGA
	T	80×60	.	.	16	.	.	Avance Logic AL2101
	G	80×60	8×8	640×480	.	.	.	Ahead Systems EGA2001
	G	80×60	8×8	640×480	16	1	A000	Ahead B (same as 25h)
	G	.	.	640×480	256	.	.	Realtek RTVGA
27h	T	132×25	8×8	1056×200	mono	.	B000	ATI EGA Wonder,ATI VIP
	G	.	.	720×512	16	.	.	VEGA VGA
	G	.	.	720×512	16	.	.	Genoa
	G	100×75	8×8	800×600	256	1	A000	Realtek RTVGA [12]
	G	.	.	960×720	16	.	.	Avance Logic AL2101
28h	T	???x???	.	.	.	.	.	VEGA VGA
	G	.	.	512×512	256	.	.	Avance Logic AL2101
	G	.	.	1024×768	256	.	.	Realtek RTVGA (1meg)
	G	160×64	8×16	1280×1024	16	.	.	Chips&Technologies 64310 [1]

	text/	text	pixel	pixel	colors	disply	scrn	system
	grph	resol	box	resolution		pages	addr	
29h	G	.	.	640×400	256	.	.	Avance Logic AL2101
	G	.	.	800×600	16	.	.	VEGA VGA
	G	100×37	8×16	800×600	16	.	A000	Orchid
	G	.	.	800×600	16	.	A000	STB,Genoa,Sigma
	G	.	.	800×600	16	.	.	Allstar Peacock (VGA)
	G	100×37	8×16	800×600	16/256K	1	A000	Tseng ET3000/4000 chipset
	G	.	.	800×600	???	.	.	EIZO MDB10
	G	.	.	800×600	16	.	.	Cirrus 5320 chipset
	G	NA	.	800×600	16	.	.	Compaq QVision 1024/1280
	G	.	.	1024×1024	256	.	.	Realtek RTVGA BIOS v3.C10
2Ah	T	100×40	.	.	.	.	.	Allstar Peacock (VGA)
	T	100×40	8×16	800×640	16	.	.	Orchid Prodesigner VGA
	T	100×40	8×15	800×600	16/256K	4	B800	Tseng ET3000/4000 chipset
	T	100×40	8×15	800×600	16	.	.	STB Lightspeed ET4000/W32P
	G	.	.	640×480	256	.	.	Avance Logic AL2101
	G	.	.	1280×1024	16	.	.	Realtek RTVGA
2Bh	G	.	.	800×600	16	.	.	Avance Logic AL2101
2Ch	G	.	.	800×600	256	.	.	Avance Logic AL2101
2Dh	G	.	.	640×350	256	.	.	VEGA VGA
	G	.	.	640×350	256/256K	.	A000	Orchid, Genoa, STB
	G	80×25	8×14	640×350	256/256K	1	A000	Tseng ET3000/4000 chipset
	G	.	.	640×350	256	.	.	Cirrus 5320 chipset
	G	80×25	8×14	640×350	256	.	.	STB Lightspeed ET4000/W32P
	G	.	.	768×1024	16	.	.	Avance Logic AL2101
2Eh	G	.	.	640×480	256	.	.	VEGA VGA
	G	80×30	8×16	640×480	256/256K	.	A000	Orchid
	G	.	.	640×480	256/256K	.	A000	STB,Genoa,Sigma
	G	80×30	8×16	640×480	256/256K	1	A000	Tseng ET3000/4000 chipset
	G	.	.	640×480	256/256K	.	.	Compaq QVision 1024/1280
	G	.	.	768×1024	256	.	.	Avance Logic AL2101
2Fh	T	160×50	8×8	1280×400	16	4	B800	Ahead B (Wizard/3270)
	G	.	.	720×512	256	.	.	VEGA VGA
	G	.	.	720×512	256	.	.	Genoa
	G	80×25	8×16	640×400	256/256K	1	A000	Tseng ET4000 chipset
	G	.	.	1024×768	4	.	.	Avance Logic AL2101
30h	G	80×30	8×16	640×480	256	.	.	C&T 64310/65530 BIOS
	G	.	.	.	.	.	B800	AT&T 6300
	G	.	.	720×350	2	.	.	3270 PC
	G	.	.	800×600	256	.	.	VEGA VGA
	G	100×37	8×16	800×600	256/256K	.	A000	Orchid
	G	.	.	800×600	256/256K	.	A000	STB,Genoa,Sigma
	G	.	.	800×600	256	.	.	Cardinal
	G	100×37	8×16	800×600	256/256K	1	A000	Tseng ET3000/4000 chipset
	G	.	.	1024×768	16	.	.	Avance Logic AL2101

	text/	text	pixel	pixel	colors	disply	scrn	system
	grph	resol	box	resolution		pages	addr	
31h	G	.	.	1024×768	256	.	.	Avance Logic AL2101
32h	T	80×34	8×10	.	16	4	B800	Ahead B (Wizard/3270)
	G	.	.	640×480	256	.	.	Compaq QVision 1024/1280
	G	100×37	8×16	800×600	256	.	.	C&T 64310/65530 BIOS
33h	T	132×44	8×8	.	16	.	B800	ATI EGA Wonder,ATI VIP
	T	80×34	8×8	.	16	4	B800	Ahead B (Wizard/3270)
34h	T	80×66	8×8	.	16	4	B800	Ahead B (Wizard/3270)
	G	.	.	800×600	256	.	.	Compaq QVision 1024/1280
	G	128×48	8×16	1024×768	256	.	.	Chips&Technologies 64310
36h	G	.	.	960×720	16	.	.	VEGA VGA, STB
	G	.	.	960×720	16	.	A000	Tseng ET3000 only
	G	.	.	1280×1024	16	.	.	Avance Logic AL2101
37h	T	132×44	8×8	.	mono	.	B800	ATI EGA Wonder,ATI VIP
	G	.	.	1024×768	16	.	.	VEGA VGA
	G	128×48	8×16	1024×768	16	.	A000	Orchid
	G	.	.	1024×768	16	.	A000	STB,Genoa,Sigma
	G	.	.	1024×768	16	.	.	Definicon
	G	128×48	8×16	1024×768	16	1	A000	Tseng ET3000/4000 chipset
	G	.	.	1024×768	16	.	.	Compaq QVision 1024/1280
	G	.	.	1280×1024	256	.	.	Avance Logic AL2101
38h	G	.	.	1024×768	256	.	.	STB VGA/EM-16 Plus (1MB)
	G	128×48	8×16	1024×768	256/256K	1	A000	Tseng ET4000 chipset
	G	.	.	1024×768	256	.	.	Orchid ProDesigner II
	G	.	.	1024×768	256	.	.	Compaq QVision 1024/1280
	G	160×64	8×16	1280×1024	256	.	.	Chips&Technologies 64310 [1]
39h	G	.	.	1280×1024	16	.	.	Compaq QVision 1280
3Ah	G	.	.	1280×1024	256	.	.	Compaq QVision 1280
3Bh	G	.	.	512×480	256	.	.	Compaq QVision 1024/1280
3Ch	G	.	.	640×400	64K	.	.	Compaq QVision 1024/1280
3Dh	G	.	.	1280×1024	16	.	.	Definicon
	G	128×64	8×16	1280×1024	16	1	A000	Tseng ET4000 v3.00 [1,7]
3Eh	G	.	.	1280×961	16	.	.	Definicon
	G	.	.	640×480	64K	.	.	Compaq QVision 1024/1280
3Fh	G	.	.	1280×1024	256	.	.	Hercules ??? (ET4000W32)
	G	.	.	800×600	64K	.	.	Compaq QVision 1024/1280

	text/ grph	text resol	pixel box	pixel resolution	colors	disply pages	scrn addr	system
40h	T	80×43	.	.	.	.	.	VEGA VGA, Tecmar VGA/AD
	T	80×43	.	.	.	.	.	Video7 V-RAM VGA
	T	80×43	.	.	.	.	.	Tatung VGA
	T	100×30	.	.	16	.	.	MORSE VGA
	T	100×30	.	.	.	.	.	Cirrus 510/520 chipset
	T	80×25	.	720×350	mono	.	.	Genoa SuperEGA BIOS 3.0+
	G	.	.	320×200	64K	.	.	Avance Logic AL2101
	G	80×25	8×16	640×400	2	1	B800	AT&T 6300, AT&T VDC600
	G	80×25	8×16	640×400	2	1	B800	Olivetti Quaderno
	G	80×25	8×16	640×400	2	1	B800	Compaq Portable
	G	80×30	8×16	640×480	32K	.	.	Chips&Technologies 64310
	G	.	.	1024×768	64K	.	.	Compaq QVision 1280
41h	T	132×25	.	.	.	.	.	VEGA VGA
	T	132×25	.	.	.	.	.	Tatung VGA
	T	132×25	.	.	.	.	.	Video7 V-RAM VGA
	T	100×50	.	.	16	.	.	MORSE VGA
	T	100×50	.	.	.	.	.	Cirrus 510/520 chipset
	T	80×34	9×14	720×476	16/256K	.	B800 WD90C	
	T	80×34	9×14	.	16	.	B800	Diamond Speedstar 24X
	G	.	.	512×512	64K	.	.	Avance Logic AL2101
	G	.	.	640×200	16	1	.	AT&T 6300
	G	80×30	8×16	640×480	64K	.	.	Chips&Technologies 64310
	G	80×25	.	720×348	mono	.	B000	Genoa SuperEGA BIOS 3.0+
42h	T	132×43	.	.	.	.	.	VEGA VGA
	T	132×43	.	.	.	.	.	Tatung VGA
	T	132×43	.	.	.	.	.	Video7 V-RAM VGA
	T	80×34	9×10	.	4	4	B800	Ahead B (Wizard/3270)
	T	100×60	.	.	16	.	.	MORSE VGA
	T	100×60	.	.	.	.	.	Cirrus 510/520 chipset
	G	80×25	8×16	640×400	16	.	.	AT&T 6300, AT&T VDC600
	G	.	.	640×400	64K	.	.	Avance Logic AL2101
	G	80×25	.	720×348	mono	.	B800	Genoa SuperEGA BIOS 3.0+
	G	100×37	8×16	800×600	32K	.	.	Chips&Technologies 64310
43h	T	80×60	.	.	.	.	.	VEGA VGA
	T	80×60	.	.	.	.	.	Tatung VGA
	T	80×60	.	.	.	.	.	Video7 V-RAM VGA
	T	80×45	9×8	.	4	4	B800	Ahead B (Wizard/3270)
	T	100×75	.	.	16	.	.	MORSE VGA
	T	80×29	.	720×348	mono	.	.	Genoa SuperEGA BIOS 3.0+
	G	.	.	640×200 of 640×400 viewport				AT&T 6300 (unsupported)
	G	.	.	640×480	64K	.	.	Avance Logic AL2101
	G	100×37	8×16	800×600	64K	.	.	Chips&Technologies 64310

44h = disable VDC and DEB output . AT&T 6300

```
   = T 100x60     .      .      .      .    .  VEGA VGA
   = T 100x60     .      .      .      .    .  Tatung VGA
   = T 100x60     .      .      .      .    .  Video7 V-RAM VGA
   = T  80x32     .    720x352    mono      .    .  Genoa SuperEGA BIOS 3.0+
   = G    .   .    800x600     64K      .    .  Avance Logic AL2101
```

45h = T 132×28 . . . . . Tatung VGA

```
   = T 132x28     .      .      .      .    .  Video7 V-RAM VGA
   = T  80x44     .    720x352    mono      .    .  Genoa SuperEGA BIOS 3.0+
```

46h = T 132×25 8×14 . mono . . Genoa 6400

```
   = T 132x25    9x14      .    mono      .    .  Genoa SuperEGA BIOS 3.0+
   = G 100x40    8x15  800x600      2      .    .  AT&T VDC600
```

47h = T 132×29 8×12 . mono . . Genoa 6400

```
   = T 132x29    9x12      .    mono      .    .  Genoa SuperEGA BIOS 3.0+
   = T 132x28    9x16 1188x448     16/256K  .   B800 WD90C
   = T 132x28    9x16      .     16      .   B800 Diamond Speedstar 24X
   = G 100x37    8x16  800x600     16      .    .  AT&T VDC600
```

48h = T 132×32 8×12 . mono . . Genoa 6400

```
   = T 132x32    9x11      .    mono      .    .  Genoa SuperEGA BIOS 3.0+
   = G  80x50    8x8   640x400      2      .   B800 AT&T 6300, AT&T VDC600
   = G  80x50    8x8   640x400      2      .   B800 Olivetti Quaderno
```

49h = T 132×44 8×8 . mono . . Genoa 6400

```
   = T 132x44    9x8       .    mono      .    .  Genoa SuperEGA BIOS 3.0+
   = G  80x30    8x16  640x480      .      .    .  Lava Chrome II EGA
   = G  80x30    8x16  640x480      .      .   A000 Diamond Stealth64 Video
2xx1
```

4Bh = G 100×37 8×16 800×600 . . A000 Diamond Stealth64 Video 2xx1 4Dh = T 120×25 . . . . . VEGA VGA

```
   = G    .   .    512x480     16M      .    .  Compaq QVision 1024/1280
   = G 128x48    8x16 1024x768      .      .   A000 Diamond Stealth64 Video
2xx1
```

4Eh = T 120×43 . . . . . VEGA VGA

```
   = T  80x60    8x8       .     16/256K  .   B800 Oak OTI-067/OTI-077 [8]
   = G    .   .    640x400     16M      .    .  Compaq QVision 1024/1280
```

```
   = G 144x54    8x16 1152x864      .      .   A000 Diamond Stealth64 Video
2xx1
```

4Fh = T 132×25 . . . . . VEGA VGA

```
   = T 132x60     .      .      .      .    .  some Oak Tech VGA [8]
   = G    .   .    640x480     16M      .    .  Compaq QVision 1280
```

50h = T 80×30 8×16 . 16/256K . B800 Trident TVGA 8800/8900

```
   = T  80x34     .      .      .      .    .  Lava Chrome II EGA
   = T  80x43     .      .    mono      .    .  VEGA VGA
   = T 132x25    9x14      .    mono      .    .  Ahead Systems EGA2001
   = T 132x25    9x14      .      4      4   B800 Ahead B
   = T 132x25    8x14      .     16      8   B800 OAK Technologies VGA-16
   = T 132x25    8x14      .     16/256K  .   B800 Oak OTI-037/067/077 [8]
   = T 132x25    8x14 1056x350     16      8   B800 UM587 chipset
   = T 132x30     .      .     16      .    .  MORSE VGA
   = T 132x30     .      .      .      .    .  Cirrus 510/520 chipset
   = G  80x30    8x16  640x480     16      .    .  Paradise EGA-480
   = G  80x30    8x16  640x480     16      .    .  NEL Electronics BIOS
   = G  80x30    8x16  640x480     16M      .    .  Chips&Technologies 64310
   = G    .   .    640x480    mono???      .    .  Taxan 565 EGA
   = G  40x25    8x8   320x200      .      .    .  Genoa SuperEGA BIOS 3.0+
```

51h = T 80×30 8×16 . . . . Paradise EGA-480

```
   = T  80x30    9x16      .      .      .    .  NEL Electronics BIOS
   = T  80x30     .      .      .      .    .  Lava Chrome II EGA
   = T  80x43    8x11      .     16/256K  .   B800 Trident TVGA 8800/8900
   = T 132x25     .      .    mono      .    .  VEGA VGA
   = T 132x28    9x12      .      4      4   B800 Ahead B
   = T 132x43    8x8      .     16      5   B800 OAK Technologies VGA-16
   = T 132x43    8x8      .     16/256K  .   B800 Oak OTI-037/067/077
   = T 132x43    8x8  1056x344     16      5   B800 UM587 chipset
   = T 132x50     .      .     16      .    .  MORSE VGA
   = T 132x50     .      .      .      .    .  Cirrus 510/520 chipset
   = G  80x34    8x14  640x480     16      .    .  ATI EGA Wonder
   = G  80x25    8x8   640x200      .      .    .  Genoa SuperEGA BIOS 3.0+
```

52h = T 80×60 . . . . . Lava Chrome II EGA

```
   = T  80x60    8x8      .     16/256K  .   B800 Trident TVGA 8800/8900
   = T 132x43     .      .    mono      .    .  VEGA VGA
   = T 132x44    9x8      .    mono      .    .  Ahead Systems EGA2001
   = T 132x44    9x8      .      4      2   B800 Ahead B
   = T 132x60     .      .     16      .    .  MORSE VGA
   = T 132x60     .      .      .      .    .  Cirrus 510/520 chipset
   = G  80x25    8x19  640x480     16      1   A000 AX VGA
(Kanji&superimpose)
```

```
   = G  94x29    8x14  752x410     16      .    .  ATI EGA Wonder
   = G 100x75    8x8   800x600     16      1   A000 OAK Technologies VGA-16
   = G 100x75    8x8   800x600     16      .   A000 Oak OTI-037 chipset [8]
   = G 100x37    8x16  800x600     16      .   A000 Oak OTI-067/077 chips
[8]
   = G 100x75    8x8   800x600     16      .   A000 UM587 chipset
   = G 128x30    8x16 1024x480     16      .    .  NEL Electronics BIOS
```

53h = T 80×25 8×16 . . . . NEL Electronics BIOS

```
   = T  80x60     .      .     16      .    .  MORSE VGA
   = T  80x60     .      .      .      .    .  Cirrus 510/520 chipset
   = T 132x25    8x14      .     16/256K  .   B800 Trident TVGA 8800/8900
   = T 132x43     .      .      .      .    .  Lava Chrome II EGA
   = G  80x25    8x19  640x480     16      1   A000 AX VGA (Kanji, no
superimp.)
   = G    .   .    640x480    256      .    .  Oak VGA
   = G  80x30    8x16  640x480    256      .   A000 Oak OTI-067/OTI-077 [8]
   = G 100x40    8x14  800x560     16      .    .  ATI EGA Wonder,ATI VIP
   = G    .   .      .      .      .    .  AX PC
```

54h = T 132×25 . . . . . Lava Chrome II EGA

```
   = T 132x30    8x16      .     16/256K  .   B800 Trident TVGA 8800/8900
   = T 132x43    8x8       .      .      .    .  Paradise EGA-480
   = T 132x43    8x8       .      .      .    .  NEL Electronics BIOS
   = T 132x43    7x9       .     16/256K  .   B800 Paradise VGA
   = T 132x43    8x9       .     16/256K  .   B800 Paradise VGA on multisync
   = T 132x43     .      .      .      .    .  Taxan 565 EGA
   = T 132x43     .      .      .      .    .  AST VGA Plus
   = T 132x43     .      .      .      .    .  Hewlett-Packard D1180A
   = T 132x43    7x9       .     16      .    .  AT&T VDC600
   = T 132x43    9x9  1188x387     16/256K  .   B800 WD90C
   = T 132x43    9x9  1188x387     16/256K  .   B800 Diamond Speedstar 24X
   = T 132x43    9x9  1188x387     16/256K  .   B800 Diamond Stealth 24
   = T 132x43    8x8       .      .      .   B800 Diamond Stealth64 Video
2xx1
   = T 132x43    8x8  1056x350     16/256K  .    .  Cirrus CL-
GD5420/5422/5426
   = T 132x50    8x8       .     16      .   A000 NCR 77C22 [9]
   = G 100x42    8x14  800x600     16      .   A000 ATI EGA Wonder, VGA
Wonder
   = G 100x42    8x14  800x600     16      .   A000 ATI Ultra 8514A, ATI XL
   = G    .   .    800x600    256      .   A000 Oak VGA
   = G 100x37    8x16  800x600    256      .   A000 Oak OTI-067/077 chips
[8]
```

55h = T 80×66 8×8 . 16/256K . A000 ATI VIP

```
   = T 132x25    8x14      .      .      .    .  Paradise EGA-480
```

```
   = T 132x25    8x14      .      .      .    .  NEL Electronics BIOS
   = T 132x25    7x16      .     16/256K  .   B800 Paradise VGA
   = T 132x25    8x16      .     16/256K  .   B800 Paradise VGA on multisync
   = T 132x25     .      .      .      .    .  Taxan 565 EGA
   = T 132x25     .      .      .      .    .  AST VGA Plus
   = T 132x25     .      .      .      .    .  Hewlett-Packard D1180A
   = T 132x25    7x16      .     16      .    .  AT&T VDC600
   = T 132x25    8x16      .     16      .   A000 NCR 77C22 [9]
   = T 132x25    9x16 1188x400     16/256K  .   B800 WD90C
   = T 132x25    9x16 1188x400     16/256K  .   B800 Diamond Speedstar 24X
   = T 132x25    9x16 1188x400     16/256K  .   B800 Diamond Stealth 24
   = T 132x25    8x16      .      .      .   B800 Diamond Stealth64 Video
2xx1
   = T 132x25    8x14 1056x350     16/256K  .    .  Cirrus CL-
GD5420/5422/5426
   = T 132x43    8x11      .     16/256K  .   B800 Trident TVGA 8800/8900
   = G  94x29    8x14  752x410      .      .    .  Lava Chrome II EGA
   = G 128x48    8x16 1024x768     16/256K  .   A000 ATI VGA Wonder v4+  [5]
   = G    .   .   1024x768     16/256K  .    .  ATI VGA Wonder Plus
   = G    .   .   1024x768     16/256K  .    .  ATI Ultra 8514A,ATI XL
   = G 128x48    8x16 1024x768      4      .   A000 Oak OTI-067/077 chips
[8]
```

56h = T 132×43 8×8 . 3??? 2 B000 NSI Smart EGA+

```
   = T 132x43    7x9       .      4      .   B000 Paradise VGA
   = T 132x43    8x9       .      4      .   B000 Paradise VGA on multisync
   = T 132x43     .      .    mono      .    .  Taxan 565 EGA
   = T 132x43    7x9       .      2      .    .  AT&T VDC600
   = T 132x43    9x8       .      .      .    .  NEL Electronics BIOS
   = T 132x50    8x8       .      4      .   A000 NCR 77C22 [9]
   = T 132x60    8x8       .     16/256K  .   B800 Trident TVGA 8800/8900
   = G    .   .   1024x768     16      .   A000 Oak VGA
   = G 128x48    8x16 1024x768     16      .   A000 Oak OTI-067/077 chips
[8]
```

57h = T 132×25 8×14 . 3??? 4 B000 NSI Smart EGA+

```
   = T 132x25    7x16      .      4      .   B000 Paradise VGA
   = T 132x25    8x16      .      4      .   B000 Paradise VGA on multisync
   = T 132x25    9x14      .      .      .    .  NEL Electronics BIOS
   = T 132x25     .      .    mono      .    .  Taxan 565 EGA
   = T 132x25    7x16      .      2      .    .  AT&T VDC600
   = T 132x25    9x14      .     16/256K  .   B800 Trident TVGA 8800/8900
   = T 132x25    8x16      .      4      .   A000 NCR 77C22 [9]
   = G  96x48    8x16  768x1024     16      .   A000 Oak OTI-067/077 chips
[8]
```

58h = T 80×33 8×14 . 16 . B800 ATI EGA Wonder,ATI VIP

```
   = T  80x32    9x16      .     16      .    .  Genoa 6400
```

```
   = T  80x43    8x8      .      .      .    .  NEL Electronics BIOS
   = T 132x30    9x16      .     16/256K  .   B800 Trident TVGA 8800/8900
   = G 100x75    8x8   800x600     16/256K  .   A000 Paradise VGA
   = G 100x75    8x8   800x600     16      .    .  AT&T VDC600
   = G 100x75    8x8   800x600     16      .   A000 NCR 77C22 [9]
   = G 100x75    8x8   800x600     16      .   A000 Diamond Speedstar 24X
   = G 100x75    8x8   800x600     16/256K  .   A000 Paradise VGA, WD90C
   = G    .   .    800x600     16      .    .  AST VGA Plus, Compaq VGA
   = G    .   .    800x600     16      .    .  Dell VGA
   = G    .   .    800x600     16      .    .  Hewlett-Packard D1180A
   = G    .   .    800x600    ???      .    .  ELT VGA PLUS 16
   = G 100x37    8x16  800x600     16/256K  .   A000 Cirrus CL-
GD5420/5422/5426
   = G 160x64    8x16 1280x1024     16      .   A000 Oak OTI-077 chipset [8]
```

59h = T 80×43 9×8 . . . . NEL Electronics BIOS

```
   = T  80x66    8x8      .     16/256K  .   A000 ATI VIP
   = T 132x43    9x11      .     16/256K  .   B800 Trident TVGA 8800/8900
   = G 100x75    8x8   800x600      2      .   A000 Paradise VGA
   = G 100x75    8x8   800x600      2      .    .  AT&T VDC600
   = G    .   .    800x600      2      .    .  AST VGA Plus, Compaq VGA
   = G    .   .    800x600      2      .    .  Dell VGA
   = G    .   .    800x600      2      .    .  Hewlett-Packard D1180A
   = G 100x75    8x8   800x600      2      .   A000 NCR 77C22 [9]
   = G 128x48    8x16 1024x768    256      .   A000 Oak OTI-077 chipset [8]
```

5Ah = T 80×60 8×8 . . . . NEL Electronics BIOS

```
   = T 132x60    9x8      .     16/256K  .   B800 Trident TVGA 8800/8900
   = G 128x48    8x16 1024x768      2      .   A000 NCR 77C22 [9]
```

5Bh = T 80×30 8×16 . . . B800 ATI VGA Wonder (undoc)

```
   = G    .   .    640x350    256      .    .  Genoa 6400
   = G  80x25    8x16  640x400     32K      .   A000 Oak OTI-067/077 chips
[8]
   = G    .   .    800x600     16      .    .  Maxxon, SEFCO TVGA, Imtec
   = G 100x75    8x8   800x600     16/256K  .   A000 Trident TVGA 8800, 8900
   = G    .   .    800x600    ???      .    .  Vobis MVGA
   = G 100x37    8x16  800x600      .      .    .  NEL Electronics BIOS
   = G 128x48    8x16 1024x768     16      .   A000 NCR 77C22 [1,9]
```

5Ch = T 100×37 8×16 . . . . NEL Electronics BIOS

```
   = G    .   .    640x400    256      .    .  Logix, ATI Prism Elite
   = G    .   .    640x400    256      .    .  Maxxon, SEFCO TVGA, Imtec
   = G  80x25    8x16  640x400    256/256K  .   A000 Zymos Poach, Hi Res 512
   = G  80x25    8x16  640x400    256/256K  .   A000 Trident TVGA 8800/8900
   = G  80x30    8x16  640x480    256      .    .  Genoa 6400
```

```
   = G  80x30    8x16  640x480     32K      .   A000 Oak OTI-077 chipset [8]
   = G 100x75    8x8   800x600    256      .   A000 NCR 77C22 [9]
   = G 100x75    8x8   800x600    256/256K  .   A000 WD90C
   = G 100x75    8x8   800x600    256/256K  .   A000 Diamond Speedstar 24X
   = G 100x37    8x16  800x600    256/256K  .   A000 Cirrus CL-
GD5420/5422/5426
```

5Dh = T 100×75 8×8 . . . . NEL Electronics BIOS

```
   = G  80x25    8x14  640x350     64K      .    .  STB Lightspeed
ET4000/W32P
   = G    .   .    640x480    256      .    .  Logix, ATI Prism Elite
   = G    .   .    640x480    256      .    .  Maxxon, SEFCO TVGA, Imtec
   = G  80x30    8x16  640x480    256/256K  .   A000 Zymos Poach, Hi Res 512
   = G  80x30    8x16  640x480    256/256K  .   A000 Trident TVGA 8800
(512K)
   = G 128x48    8x16 1024x768     16      .   A000 NCR 77C22 [9]
   = G 128x48    8x16 1024x768     16/256K  .   A000 WD90C
   = G 128x48    8x16 1024x768     16      .   A000 Diamond Speedstar 24X
   = G 128x48    8x16 1024x768     16/256K  .   A000 Cirrus CL-
GD5420/5422/5426
```

5Eh = G . . 640×400 256 . . Paradise VGA,VEGA VGA

```
   = G    .   .    640x400    256      .    .  AST VGA Plus, NCR 77C22
   = G    .   .    640x400    256      .    .  Compaq VGA, Dell VGA
   = G  80x25    8x16  640x400    256      .    .  AT&T VDC600
   = G  80x25    8x16  640x400    256      .   A000 NCR 77C22 [9]
   = G  80x25    8x16  640x400    256/256K  .   A000 WD90C
   = G  80x25    8x16  640x400    256/256K  .   A000 Diamond Speedstar 24X
   = G    .   .    800x600     16      .    .  Logix, ATI Prism Elite
   = G 100x37    8x16  800x600     16      .    .  NEL Electronics BIOS
   = G 100x75    8x8   800x600    256      .    .  Genoa 6400
   = G 100x75    8x8   800x600    256/256K  .   A000 Zymos Poach, Trident
8900
   = G 100x75    8x8   800x600    256/256K  .   A000 Hi Res 512
```

5Fh = G 80×25 8×16 640×400 64K . . STB Lightspeed ET4000/W32P

```
   = G    .   .    640x480    256      .    .  Paradise VGA
   = G    .   .    640x480    256      .    .  AST VGA Plus, NCR 77C22
   = G    .   .    640x480    256      .    .  Compaq VGA, Dell VGA
   = G    .   .    640x480    256      .    .  Hewlett-Packard D1180A
   = G  80x30    8x16  640x480    256      .    .  AT&T VDC600 (512K)
   = G  80x30    8x16  640x480    256      .   A000 NCR 77C22 [9]
   = G  80x30    8x16  640x480    256/256K  .   A000 WD90C
   = G  80x30    8x16  640x480    256/256K  .   A000 Diamond Speedstar 24X
   = G  80x30    8x16  640x480    256/256K  .   A000 Cirrus CL-
GD5420/5422/5426
   = G    .   .   1024x768     16      .    .  Logix, ATI Prism Elite
   = G    .   .   1024x768     16      .    .  Maxxon, Imtec
```

```
   = G 128x48    8x16 1024x768     16      .    .  Genoa 6400
   = G 128x48    8x16 1024x768     16/256K  .   A000 Zymos Poach, Hi Res 512
   = G 128x48    8x16 1024x768     16/256K  .   A000 Trident TVGA 88/8900
512K
```

60h = T 132×25 8×14 . 16/64 8 B800 Quadram Ultra VGA

```
   = T 132x25    8x14      .     16      .    .  Genoa 6400
   = T 132x25    8x14      .     16      .    .  Genoa SuperEGA BIOS 3.0+
   = T 132x25     .      .      .      .    .  Cirrus 5320 chipset
   = T 132x25    8x16 1056x400     16      .   B800 Chips&Technologies
chipset
   = G  80x???  .    ???x400      .      .    .  Corona/Cordata BIOS 4.10+
   = G  80x25    8x16  640x400    256      1   A000 Ahead A, Ahead B
   = G    .   .    752x410      .      .    .  VEGA VGA
   = G    .   .    752x410     16      .    .  Tatung VGA
   = G    .   .    752x410     16      .    .  Video7 V-RAM VGA
   = G 128x48    8x16 1024x768      4/256K  .   A000 Trident TVGA 8900
   = G 128x48    8x16 1024x768    256/256K  .   A000 WD90C
   = G 128x48    8x16 1024x768    256/256K  .   A000 Diamond Speedstar 24X
   = G 128x48    8x16 1024x768    256/256K  .   A000 Cirrus CL-
GD5420/5422/5426
   = G 144x54    8x16 1152x864      .      .   A000 Diamond Stealth64 Video
2xx1
```

61h = T 132×29 8×12 . 16/64 8 B800 Quadram Ultra VGA

```
   = T 132x29    8x8       .     16      .    .  Genoa 6400
   = T 132x29    8x8       .     16      .    .  Genoa SuperEGA BIOS 3.0+
   = T 132x50     .      .      .      .    .  Cirrus 5320 chipset
   = T 132x50    8x8  1056x400     16      .   B800 Chips&Technologies
chipset
   = T 132x50    8x16 1056x800     16      .   B800 Chips&Technologies 64310
   = G    .   .    ???x400      .      .    .  Corona/Cordata BIOS 4.10+
   = G  80x25    8x16  640x400    256      .   A000 ATI VGA Wonder,VGA
Wonder+
   = G  80x25    8x16  640x400    256      .   A000 ATI Ultra 8514A,ATI XL
   = G  80x25    8x16  640x400      .      .   A000 Diamond Stealth64 Video
2xx1
   = G  80x30    8x16  640x480    256      1   A000 Ahead A, Ahead B (512K)
   = G    .   .    720x540      .      .    .  VEGA VGA
   = G    .   .    720x540     16      .    .  Tatung VGA
   = G    .   .    720x540     16      .    .  Video7 V-RAM VGA
   = G  96x64    8x16  768x1024     16/256K  .   A000 Trident TVGA 88/8900
512K
   = G 128x48    8x16 1024x768    256      .   A000 NCR 77C22 [1,9]
   = G 144x54    8x16 1152x864      .      .   A000 Diamond Stealth64 Video
2xx1
```

62h = T 132×32 8×11 . 16/64 6 B800 Quadram Ultra VGA

```
   = T 132x32    8x12      .     16      .    .  Genoa 6400
   = T 132x32    8x11      .     16      .    .  Genoa SuperEGA BIOS 3.0+
   = T 132x43    8x8  1056x344     16      .   B800 C&T 82C450 BIOS
   = G    .   .    640x450     16      .    .  Cirrus 510/520 chipset
   = G  80x30    8x16  640x480    256      .   A000 ATI VGA Wonder,VGA
Wonder+
   = G  80x30    8x16  640x480    256      .   A000 ATI Ultra 8514A,ATI XL
   = G  80x30    8x16  640x480    32K      .   A000 WD90C
   = G  80x30    8x16  640x480    32K      .   A000 Diamond Speedstar 24X
   = G    .   .    800x600      .      .    .  VEGA VGA
   = G    .   .    800x600     16      .    .  Tatung VGA
   = G    .   .    800x600     16      .    .  Video7 V-RAM VGA
   = G 100x75    8x8   800x600    256      1   A000 Ahead A, Ahead B (512K)
   = G 128x48    8x16 1024x768    256/256K  .   A000 Trident TVGA 8900,
Zymos
   = G 128x48    8x16 1024x768    256      .   A000 NCR 77C22 [9]
```

63h = T 132×44 8×8 . 16/64 5 B800 Quadram Ultra VGA

```
   = T 132x44    8x8       .     16      .    .  Genoa 6400
   = T 132x44    8x8       .     16      .    .  Genoa SuperEGA BIOS 3.0+
   = G    .   .    720x540     16      .    .  MORSE VGA
   = G    .   .    720x540     16      .    .  Cirrus 510/520 chipset
   = G 100x42    8x14  800x600    256      .   A000 ATI VGA Wonder,VGA
Wonder+
   = G 100x42    8x14  800x600    256      .   A000 ATI Ultra 8514A,ATI XL
   = G    .   .    800x600    32K      .   A000 WD90C
   = G    .   .    800x600    32K      .   A000 Diamond Speedstar 24X
   = G 128x48    7x16 1024x768    256      1   A000 Ahead B (1MB)
   = G    .   .   1024x768      2      .    .  Video7 V-RAM VGA
```

64h = T 132×60 8×8 . 16 . . Genoa 6400

```
   = T  80x43    8x8   528x344     16      .   B800 C&T 82C450 BIOS
   = G    .   .    640x480    64K      .   A000 Cirrus CL-GD 5422/5426
   = G    .   .    800x600     16      .    .  MORSE VGA
   = G    .   .    800x600     16      .    .  Cirrus 510/520 chipset
   = G    .   .    800x600    ???      .    .  SAMPO-Mira VGA
   = G    .   .   1024x768      4      .    .  Video7 V-RAM VGA
   = G 128x48    8x16 1024x768    256      .   A000 ATI VGA Wonder Plus,ATI
XL
   = G 160x64    8x16 1280x1024     16/256K  .   A000 WD90C [1]
   = G 160x64    8x16 1280x1024     16/256K  .   A000 Diamond Speedstar 24X
[1]
```

65h = T 80×50 8×8 528×400 16 . B800 C&T 82C450 BIOS

```
   = G    .   .    800x600    64K      .   A000 Cirrus CL-GD 5422/5426
   = G    .   .   1024x768     16      .    .  Video7 V-RAM VGA
   = G 128x48    8x16 1024x768     16      .   A000 ATI VGA Wonder
```

66h = T 80×50 8×8 640×400 16/256K . B800 WD90C

```
   = T  80x50    8x8       .      16       .   B800 Diamond Speedstar 24X
   = G    .   .    640x400    256       .     .  Tatung VGA
   = G    .   .    640x400    256       .     .  Video7 V-RAM VGA
   = G    .   .    640x480    32K       .   A000 Cirrus CL-GD 5422/5426
```

67h = T 80×43 8×8 640×344 16/256K . B800 WD90C

```
   = T  80x43    8x8       .      16       .   B800 Diamond Speedstar 24X
   = G    .   .    640x480    256       .     .  Video7 V-RAM VGA
   = G    .   .    800x600    32K       .   A000 Cirrus CL-GD 5422/5426
   = G 128x48    8x16 1024x768       4       .   A000 ATI VGA Wonder
   = G 160x64    8x16 1280x1024      16       .    A000 NCR 77C22 [1,9]
```

68h = G 80×25 8×16 640×400 . . A000 Diamond Stealth64 Video 2xx1 69h = T 132×50 8×8 1056×400 16/256K . B800 WD90C

```
   = T 132x50    8x8       .      16       .   B800 Diamond Speedstar 24X
   = G  80x30    8x16  640x480       .       .   A000 Diamond Stealth64 Video
2xx1
   = G    .   .    720x540    256       .   A000 Video7 V-RAM VGA
```

6Ah = G . . 800×600 16 . A000 VESA standard interface

```
   = G 100x75    8x8   800x600     16       .   A000 Genoa 6400
   = G 100x75    8x8   800x600     16       .   A000 Diamond Speedstar 24X
   = G    .   .    800x600     16       .   A000 Ahead A
   = G 100x75    8x8   800x600     16       1   A000 Ahead B (VESA) [see 71h]
   = G    .   .    800x600     16       .     .  Zymos Poach, Hi Res 512
   = G    .   .    800x600     16       .     .  Epson LT-386SX in CRT Mode
   = G    .   .    800x600     16       .     .  Compuadd 316SL in CRT Mode
   = G 100x37    8x16  800x600     16/256K  .    A000 Cirrus CL-
GD5420/5422/5426
   = G 100x37    8x16  800x600     16       .   A000 Diamond Stealth64 Video
2xx1
   = G 100x42    8x14  800x600       .       .   A000 ATI VGA Wonder (undoc)
   = G    .   .    800x600     16       .   A000 Chips&Technologies chipset
   = G 160x64    8x16 1280x1024 256       .   A000 NCR 77C22 [1,9]
```

6Bh = T 100×37 8×16 . 16 . . Genoa 6400

```
   = T 100x37    8x16       .       .       .     .  NEL Electronics BIOS
   = G 100x37    8x16  800x600       .       .   A000 Diamond Stealth64 Video
2xx1
```

6Ch = G 80×30 8×16 640×480 16M . A000 Trident 8900CL/BIOS C04

```
   = G 100x75    8x8   800x600    256       .     .  Genoa 6400
   = G 128x48    8x16 1024x768       2       .   A000 Diamond Stealth64 Video
```

```
2xx1
   = G 160x60    8x16 1280x960     16/256K  .   A000 WD90C [1]
   = G 160x60    8x16 1280x960     16/256K  .   A000 Diamond Speedstar 24X
[1]
   = G 160x64    8x16 1280x1024     16/256K  .   A000 Cirrus CL-GD 5422/5426
[1]
```

6Dh = G 80×25 8×14 640×350 64K . A000 STB Lightspeed ET4000/W32P

```
   = G 128x48    8x16 1024x768      .      .   A000 Diamond Stealth64 Video
2xx1
   = G 160x64    8x16 1280x1024 256/256K  .   A000 Cirrus CL-GD 5422/5426
[1]
```

6Eh = G 40×25 8×8 320×200 64K . A000 Cirrus CL-GD 5422/5426

```
   = G 160x64    8x16 1280x1024      2      .   A000 Diamond Stealth64 Video
2xx1
```

6Fh = G 40×25 8×8 320×200 16M . A000 Cirrus CL-GD 5422/5426

```
   = G 160x64    8x16 1280x1024      .      .   A000 Diamond Stealth64 Video
2xx1
```

70h = extended mode set (see AX=0070h) . Everex Micro Enhancer EGA

```
   = T  40x25    8x8      .     16      8   B800 Quadram (CGA double scan)
   = T  40x25    8x8   (CGA dblscan)      .    .  Genoa SuperEGA BIOS 3.0+
   = G    .   .    360x480    256      .    .  Cirrus 510/520/5320 chips
   = G  90x28    8x14  720x392     16      1   A000 Ahead B
   = G  80x30    8x16  640x480      .      .   A000 Diamond Stealth64 Video
2xx1
   = G 100x38    8x16  800x600     16      .   A000 C&T chipset, Cardinal
   = G    .   .   1024x480    256      .   A000 Trident 8900C BIOS C3.0
```

71h = T 80×25 8×8 . 16 8 B800 Quadram (CGA double scan)

```
   = T  80x25    8x8   (CGA dblscan)      .    .  Genoa SuperEGA BIOS 3.0+
   = G    .   .    528x400    256      .    .  Cirrus 510/520 chipset
   = G  80x30    8x16  640x480     16M      .   A000 Cirrus CL-GD 5422/5426
   = G  80x30    8x16  640x480      .      .   A000 Diamond Stealth64 Video
2xx1
   = G 100x35    8x16  800x600     16/64      .   A000 NSI Smart EGA+
   = G 100x75    8x8   800x600     16      1   A000 Ahead B (same as 6Ah)
   = G    .   .    960x720     16      .    .  C&T chipset, Cardinal
   = G    .   .   1024x480    256      .   A000 Trident 8900C BIOS C3.0
```

72h = T 80×60 8×8 . 16 . B800 Quadram Ultra VGA

```
   = T  80x60    8x8      .     16      .   B800 Genoa 6400
```

```
   = T  80x60    8x8      .     16      .   B800 Genoa SuperEGA BIOS 3.0+
   = G    .   .    528x480    256      .    .  Cirrus 510/520 chipset
   = G  80x25    8x19  640x480     16      1   A000 DOS/V w/ any VGA
   = G  80x30    8x16  640x480      .      .   A000 Diamond Stealth64 Video
2xx1
   = G    .   .    640x480    32K      .   A000 ATI
   = G    .   .    640x480    16M      .   A000 WD90C
   = G    .   .    640x480    16M      .   A000 Diamond Speedstar 24X
   = G    .   .   1024x768     16      .    .  C&T chipset, Cardinal
   = G 128x48    8x16 1024x768i     16      .   A000 C&T 82C450 BIOS
   = G 128x48    8x16 1024x768     16      .   A000 C&T 65530 BIOS
(multisync)
```

73h = G 80×60 8×8 640×480 16 . A000 Quadram Ultra VGA

```
   = G  80x60    8x8   640x480     16      .    .  Genoa 6400
   = G  80x60    8x8   640x480     16      .    .  Genoa SuperEGA BIOS 3.0+
   = G 100x37    8x16  800x600      .      .   A000 Diamond Stealth64 Video
2xx1
   = T  80x25    8x19  640x475     16      1   none DOS/V, emulated in VGA
graph
```

74h = T 80×66 8×8 . 16 . B800 Quadram Ultra VGA

```
   = T  80x66    8x8      .     16      .   B800 Genoa 6400
   = T  80x66    8x8      .     16      .   B800 Genoa SuperEGA BIOS 3.0+
   = G    .   .    640x400      2      .   B800 Toshiba 3100 AT&T mode
   = G  80x30    8x16  640x480     32K      .   A000 Trident 8900C/BIOS C03
   = G 100x37    8x16  800x600      .      .   A000 Diamond Stealth64 Video
2xx1
   = G 128x48    8x16 1024x768     16      1   A000 Ahead A, Ahead B (512K)
   = G    .   .   1024x768     64K      .   A000 Cirrus CL-GD 5422/5426 [1]
```

75h = G 80×30 8×16 640×480 64K . A000 Trident 8900C/BIOS C03

```
   = G  80x66     .    640x528     16???      .   A000 Quadram Ultra VGA
   = G  80x66     .    640x528     16      .    .  Genoa SuperEGA BIOS 3.0+
   = G 100x37    8x16  800x600      .      .   A000 Diamond Stealth64 Video
2xx1
   = G 128x48    8x16 1024x768      4      1   A000 Ahead B
   = G 128x48    8x16 1024x768     16      .   A000 Chips&Technologies 64310
```

76h = T 94×29 8×14 . 16 . B800 Quadram Ultra VGA

```
   = T  94x29    8x14      .      .      .    .  Genoa SuperEGA BIOS 3.0+
   = G 100x75    8x8   800x600     32K      .   A000 Trident 8900C/BIOS C03
   = G 128x48    8x16 1024x768      2      1   A000 Ahead B
   = G 128x48    8x16 1024x768      .      .   A000 Diamond Stealth64 Video
2xx1
   = G 160x64    8x16 1280x1024     16      .   A000 Chips&Technologies
```

```
64310 [1]
```

77h = G 94×29 . 752×410 16??? . A000 Quadram Ultra VGA

```
   = G  94x29     .    752x410     16      .    .  Genoa SuperEGA BIOS 3.0+
   = G 100x75    8x8   800x600     64K      .   A000 Trident 8900C/BIOS C03
   = G 128x48    8x16 1024x768      .       .   A000 Diamond Stealth64 Video
2xx1
```

78h = T 100×37 8×16 . 16 . . Genoa 6400

```
   = T 100x75    8x8      .     16      .   B800 Quadram Ultra VGA
   = T 100x75    8x8      .      .      .    .  Genoa SuperEGA BIOS 3.0+
   = G    .   .    640x400    256      .    .  STB VGA/EM-16 Plus
   = G  80x25    8x16  640x400    256      .    .  Cardinal, C&T chipset
   = G    .   .    640x400    256      .    .  Cirrus 5320 chipset
   = G  80x25    8x16  640x400    256      .   A000 Chips&Technologies 64310
```

79h = G 80×30 8×16 640×480 256 . . Cardinal, C&T chipset

```
   = G  80x30    8x16  640x480    256      .   A000 Chips&Technologies 64310
   = G 100x75     .    800x600     16???      .   A000 Quadram Ultra VGA
   = G 100x75    8x8   800x600     16      .    .  Genoa SuperEGA BIOS 3.0+
   = G 100x75    8x8   800x600     16      .    .  Genoa 6400
```

7Ah = T 114×60 8×8 . 16 . B800 Quadram Ultra VGA

```
   = T 114x60    8x8      .      .      .    .  Genoa SuperEGA BIOS 3.0+
   = G    .   .    720x540    256      .    .  C&T chipset, Cardinal
```

7Bh = G . . 800×600 256 . . C&T chipset, Cardinal

```
   = G 114x60     .    912x480     16???      .   A000 Quadram Ultra VGA
   = G    .   .    912x480     16      .    .  Genoa SuperEGA BIOS 3.0+
```

7Ch = G . . 512×512 16 . . Genoa

```
   = G 100x37    8x16  800x600    256      .    .  C&T 82C453/F65530
chipsets
   = G 100x37    8x16  800x600    256      .   A000 Chips&Technologies 64310
   = G 200x75    8x16 1600x1200      . [16]  .   A000 Diamond Stealth64
Video 2xx1
```

7Dh = G 64×32 8×16 512×512 256 . . Genoa 7Eh = special mode set (see AX=007Eh) . Paradise VGA, AT&T VDC600

```
   = G  80x25    8x16  640x400    256      .    .  Genoa 6400
   = G    .   .   1024x768    256      .    .  C&T 82C453 chipset
   = G 128x48    8x16 1024x768    256      .   A000 Chips&Technologies 64310
   = G  90x43     .      .    mono      .   B000 HERCULES.COM on HGC [14]
```

7Fh = special function set (see AX=007Fh/BH=00h) Paradise VGA, AT&T VDC600

```
   = G 128x48    8x16 1024x768      4      .    .  Genoa 6400
   = G  90x29     .      .    mono      .   B000 HERCULES.COM on HGC [14]
```

82h = T 80×25 . . B&W . . AT&T VDC overlay mode [6] 83h = T 80×25 . . . . . AT&T VDC overlay mode [6] 86h = G . . 640×200 B&W . . AT&T VDC overlay mode [6] 88h = G 90×43 8×8 720×348 mono . B000 Hercules + MSHERC.COM C0h = G . . 640×400 2/prog palette . AT&T VDC overlay mode [6]

```
   = G    .   .    640x400    2/prog palette    .  Olivetti Quaderno overlay
```

C4h = disable output . . . . AT&T VDC overlay mode [6] C8h = G 80×50 8×8 640×400 2 . B800 Olivetti Quaderno overlay D0h = G . . 640×400 2 . B800 DEC VAXmate AT&T mode Notes: [1] interlaced only [2] for ATI EGA Wonder, mode 08h is only valid if SMS.COM is loaded resident.

```
    SMS maps mode 08h to mode 27h if the byte at location 0040:0063 is 0B4h,
    otherwise to mode 23h, thus selecting the appropriate (monochrome or
    color) 132x25 character mode.
  for ATI VGA Wonder, mode 08h is the same, and only valid if VCONFIG loaded
    resident
```

[3] early XGA boards support 132-column text but do not have this BIOS mode [4] DESQview intercepts calls to change into these two modes (21h is page 0,

```
    22h is page 1) even if there is no Hercules graphics board installed
```

[5] ATI BIOS v4-1.00 has a text-scrolling bug in this mode [6] for AT&T VDC overlay modes, BL contains the DEB mode, which may be 06h,

```
    40h, or 44h
```

[7] BIOS text support is broken in this undocumented mode; scrolling moves

```
    only about 1/3 of the screen (and does even that portion incorrectly),
    while screen clears only clear about 3/4.
```

[8] The Oak OTI-037/067/077 modes are present in the Oak VGA BIOS, which OEMs

```
    may choose to use only partially or not at all; thus, not all Oak boards
    support all "Oak" modes listed here
```

[9] this card uses the full 128K A000h-BFFFh range for the video buffer,

```
    precluding the use of a monochrome adapter in the same system
```

[10] mode 17h supported by Tseng ET4000 BIOS 8.01X dated 1990/09/14, but not

```
    v8.01X dated 1992/02/28; mode 21h supported by 1992/02/28 version but
not
```

```
    1990/09/14 version
```

[11] HERKULES simulates a 90×45 text mode in Hercules graphics mode; the

```
    installation check for HERKULES.COM is the signature "Herkules" two
    bytes beyond the INT 10 handler
```

[12] The Realtek RTVGA BIOS v3.C10 crashes when attempting to switch into

```
    modes 21h or 27h; this version of the BIOS also sets the BIOS data area
    incorrectly for extended text modes, resulting in scrolling after only
    24 lines (the VMODE.EXE utility does set the data area correctly)
```

[13] The Tandy 1000SL/TL BIOS does not actually support this mode [14] HERCULES.COM is a graphics-mode BIOS extension for Hercules-compatible

```
    graphics cards by Soft Warehouse, Inc.  Its installation check is to
    test whether the word preceding the INT 10 handler is 4137h.
```

[15] The Hercules-graphics video modes for HERCBIOS (shareware by Dave

```
    Tutelman) may be changed by a command-line switch; the 90x43
    character-cell mode's number is always one higher than the 90x29 mode
    (whose default is mode 08h)
```

[16] Stealth64 Video 2001-series BIOS v1.03 reports 76 lines for mode 7Ch,

```
    resulting in incorrect scrolling for TTY output (scrolling occurs only
    after the end of the 76th line, which is not displayed)
```

[17] For 43-line text on EGA or 43/50-line text on VGA, you must load an 8×8

```
    font using AX=1102h after switching to mode 3; VGA may also require
    using INT 10/AH=12h/BL=30h
```