

Values for video mode

	text/ grph	text resol	pixel box	pixel resolution	colors	disply pages	scrn addr	system
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/ grph	text resol	pixel box	pixel resolution	colors	disply pages	scrn addr	system
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
	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
19h	G	.	.	1024×768	16	.	.	Tecmar VGA/AD
	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]
1Dh	G	.	.	640×480	256	.	.	Tecmar VGA/AD
	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/ grph	text resol	pixel box	pixel resolution	colors	disply pages	scrn addr	system
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/ grph	text resol	pixel box	pixel resolution	colors	disply pages	scrn addr	system
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/ grph	text resol	pixel box	pixel resolution	colors	disply pages	scrn addr	system
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/ grph	text resol	pixel box	pixel resolution	colors	disply pages	scrn addr	system
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
33h	G	100×37	8×16	800×600	256	.	.	C&T 64310/65530 BIOS
	T	132×44	8×8	.	16	.	B800	ATI EGA Wonder,ATI VIP
34h	T	80×34	8×8	.	16	4	B800	Ahead B (Wizard/3270)
	T	80×66	8×8	.	16	4	B800	Ahead B (Wizard/3270)
	G	.	.	800×600	256	.	.	Compaq QVision 1024/1280
36h	G	128×48	8×16	1024×768	256	.	.	Chips&Technologies 64310
	G	.	.	960×720	16	.	.	VEGA VGA, STB
	G	.	.	960×720	16	.	A000	Tseng ET3000 only
37h	G	.	.	1280×1024	16	.	.	Avance Logic AL2101
	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
38h	G	.	.	1280×1024	256	.	.	Avance Logic AL2101
	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
39h	G	160×64	8×16	1280×1024	256	.	.	Chips&Technologies 64310 [1]
	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

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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	

	text/ grph	text resol	pixel box	pixel resolution	colors	disply pages	scrn addr	system
44h	disable VDC and DEB output							AT&T 6300
	T	100×60	.	.	.	.	.	VEGA VGA
	T	100×60	.	.	.	.	.	Tatung VGA
	T	100×60	.	.	.	.	.	Video7 V-RAM VGA
	T	80×32	.	720×352	mono	.	.	Genoa SuperEGA BIOS 3.0+
45h	G	.	.	800×600	64K	.	.	Avance Logic AL2101
	T	132×28	.	.	.	.	.	Tatung VGA
	T	132×28	.	.	.	.	.	Video7 V-RAM VGA
	T	80×44	.	720×352	mono	.	.	Genoa SuperEGA BIOS 3.0+
	46h	T	132×25	8×14	.	mono	.	.	Genoa 6400
T		132×25	9×14	.	mono	.	.	Genoa SuperEGA BIOS 3.0+
G		100×40	8×15	800×600	2	.	.	AT&T VDC600
47h	T	132×29	8×12	.	mono	.	.	Genoa 6400
	T	132×29	9×12	.	mono	.	.	Genoa SuperEGA BIOS 3.0+
	T	132×28	9×16	1188×448	16/256K	.	B800	WD90C
	T	132×28	9×16	.	16	.	B800	Diamond Speedstar 24X
	G	100×37	8×16	800×600	16	.	.	AT&T VDC600
48h	T	132×32	8×12	.	mono	.	.	Genoa 6400
	T	132×32	9×11	.	mono	.	.	Genoa SuperEGA BIOS 3.0+
	G	80×50	8×8	640×400	2	.	B800	AT&T 6300, AT&T VDC600
	G	80×50	8×8	640×400	2	.	B800	Olivetti Quaderno
49h	T	132×44	8×8	.	mono	.	.	Genoa 6400
	T	132×44	9×8	.	mono	.	.	Genoa SuperEGA BIOS 3.0+
	G	80×30	8×16	640×480	.	.	.	Lava Chrome II EGA
	G	80×30	8×16	640×480	.	.	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	.	.	512×480	16M	.	.	Compaq QVision 1024/1280
	G	128×48	8×16	1024×768	.	.	A000	Diamond Stealth64 Video 2xx1
4Eh	T	120×43	.	.	.	.	.	VEGA VGA
	T	80×60	8×8	.	16/256K	.	B800	Oak OTI-067/OTI-077 [8]
	G	.	.	640×400	16M	.	.	Compaq QVision 1024/1280
	G	144×54	8×16	1152×864	.	.	A000	Diamond Stealth64 Video 2xx1

4Fh = T 132×25 VEGA VGA

= T 132×60 some Oak Tech VGA [8]
 = G 640×480 16M Compaq QVision 1280

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

= T 80×34 Lava Chrome II EGA
 = T 80×43 mono VEGA VGA
 = T 132×25 9×14 mono Ahead Systems EGA2001
 = T 132×25 9×14 4 4 B800 Ahead B


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= 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+

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51h = T 80x30 8x16 Paradise EGA-480

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= 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+

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52h = T 80x60 Lava Chrome II EGA

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= 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

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53h = T 80x25 8x16 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

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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
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54h = T 132x25 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]
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55h = T 80x66 8x8 . 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
```

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= 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]

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56h = T 132x43 8x8 . 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]

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57h = T 132x25 8x14 . 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]

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58h = T 80x33 8x14 . 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]

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59h = T 80x43 9x8 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 80x60 8x8 NEL Electronics BIOS

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

5Bh = T 80x30 8x16 . . . 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 100x37 8x16 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 100x75 8x8 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 . . 640x400 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 80x25 8x16 640x400 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 132x25 8x14 . 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 132x29 8x12 . 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 132x32 8x11 . 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 132x44 8x8 . 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 132x60 8x8 . 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 80x50 8x8 528x400 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 80x50 8x8 640x400 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 80x43 8x8 640x344 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 80x25 8x16 640x400 . . A000 Diamond Stealth64 Video 2xx1 69h = T 132x50 8x8 1056x400 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 . . 800x600 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 100x37 8x16 . 16 . . Genoa 6400

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

6Ch = G 80x30 8x16 640x480 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 80x25 8x14 640x350 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 40x25 8x8 320x200 64K . A000 Cirrus CL-GD 5422/5426

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

6Fh = G 40x25 8x8 320x200 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 80x25 8x8 . 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 80x60 8x8 . 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 80x60 8x8 640x480 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 80x66 8x8 . 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 80x30 8x16 640x480 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 94x29 8x14 . 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 94x29 . 752x410 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 100x37 8x16 . 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 80x30 8x16 640x480 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 114x60 8x8 . 16 . B800 Quadram Ultra VGA

```

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

```

7Bh = G . . 800x600 256 . . C&T chipset, Cardinal

```

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

```

7Ch = G . . 512x512 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 64x32 8x16 512x512 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 80x25 . . B&W . . AT&T VDC overlay mode [6] 83h = T 80x25 AT&T VDC overlay mode [6] 86h = G . . 640x200 B&W . . AT&T VDC overlay mode [6] 88h = G 90x43 8x8 720x348 mono . B000 Hercules + MSHERC.COM C0h = G . . 640x400 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 80x50 8x8 640x400 2 . B800 Olivetti Quaderno overlay D0h = G . . 640x400 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 90x45 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 8x8

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

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