

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
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/ 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
	T	80×34	8×10	.	16	4	B800	Ahead B (Wizard/3270)
32h	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)
	T	80×66	8×8	.	16	4	B800	Ahead B (Wizard/3270)
34h	G	.	.	800×600	256	.	.	Compaq QVision 1024/1280
	G	128×48	8×16	1024×768	256	.	.	Chips&Technologies 64310
	G	.	.	960×720	16	.	.	VEGA VGA, STB
36h	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
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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

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= T  80x43      .      .      .      .      .      Video7 V-RAM VGA
= T  80x43      .      .      .      .      .      Tatung VGA
= T 100x30      .      .      16      .      .      MORSE VGA
= T 100x30      .      .      .      .      .      Cirrus 510/520 chipset
= T  80x25      .      720x350      mono      .      .      Genoa SuperEGA BIOS 3.0+
= G  .      .      320x200      64K      .      .      Avance Logic AL2101
= G  80x25      8x16      640x400      2      1      B800 AT&T 6300, AT&T VDC600
= G  80x25      8x16      640x400      2      1      B800 Olivetti Quaderno
= G  80x25      8x16      640x400      2      1      B800 Compaq Portable
= G  80x30      8x16      640x480      32K      .      .      Chips&Technologies 64310
= G  .      .      1024x768      64K      .      .      Compaq QVision 1280

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41h = T 132×25 VEGA VGA

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= T 132x25      .      .      .      .      .      Tatung VGA
= T 132x25      .      .      .      .      .      Video7 V-RAM VGA
= T 100x50      .      .      16      .      .      MORSE VGA
= T 100x50      .      .      .      .      .      Cirrus 510/520 chipset
= T  80x34      9x14      720x476      16/256K      .      B800 WD90C
= T  80x34      9x14      .      16      .      B800 Diamond Speedstar 24X
= G  .      .      512x512      64K      .      .      Avance Logic AL2101
= G  .      .      640x200      16      1      .      AT&T 6300
= G  80x30      8x16      640x480      64K      .      .      Chips&Technologies 64310
= G  80x25      .      720x348      mono      .      B000 Genoa SuperEGA BIOS
3.0+

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42h = T 132×43 VEGA VGA

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= T 132x43      .      .      .      .      .      Tatung VGA
= T 132x43      .      .      .      .      .      Video7 V-RAM VGA
= T  80x34      9x10      .      4      4      B800 Ahead B (Wizard/3270)
= T 100x60      .      .      16      .      .      MORSE VGA
= T 100x60      .      .      .      .      .      Cirrus 510/520 chipset
= G  80x25      8x16      640x400      16      .      .      AT&T 6300, AT&T VDC600
= G  .      .      640x400      64K      .      .      Avance Logic AL2101
= G  80x25      .      720x348      mono      .      B800 Genoa SuperEGA BIOS
3.0+
= G 100x37      8x16      800x600      32K      .      .      Chips&Technologies 64310

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43h = T 80×60 VEGA VGA

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= T  80x60      .      .      .      .      .      Tatung VGA
= T  80x60      .      .      .      .      .      Video7 V-RAM VGA
= T  80x45      9x8      .      4      4      B800 Ahead B (Wizard/3270)
= T 100x75      .      .      16      .      .      MORSE VGA
= T  80x29      .      720x348      mono      .      .      Genoa SuperEGA BIOS 3.0+
= G  .      .      640x200 of 640x400 viewport      AT&T 6300 (unsupported)
= G  .      .      640x480      64K      .      .      Avance Logic AL2101

```

= G	100x37	8x16	800x600	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 132x28 Tatung VGA

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

46h = T 132x25 8x14 . mono . . Genoa 6400

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

47h = T 132x29 8x12 . 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 132x32 8x12 . 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 132x44 8x8 . 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 100x37 8x16 800x600 . . A000 Diamond Stealth64 Video 2xx1 4Dh = T 120x25 VEGA VGA

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

4Eh = T 120x43 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 132x25 VEGA VGA

```

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

```

50h = T 80x30 8x16 . 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 80x30 8x16 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 80x60 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 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
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 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]

```

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
= 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 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]

```

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]

```

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]

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, SEFC0 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, SEFC0 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 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 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 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 90×43 character-cell mode's number is always one higher than the 90×29 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

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