Offset	Offset	BIOS	Field	
Hex	Dec	Service	Size	Function
00h	0	Int 14h	2 bytes	Base I/O address for serial port 1 (communications port 1 - COM 1)
02h	2	Int 14h	2 bytes	Base I/O address for serial port 2 (communications port 2 - COM 2)
04h	4	Int 14h	2 bytes	Base I/O address for serial port 3 (communications port 3 - COM 3)
06h	6	Int 14h	2 bytes	Base I/O address for serial port 4 (communications port 4 - COM 4)
08h	8	Int 17h	2 bytes	Base I/O address for parallel port 1 (printer port 1 - LPT 1)
0Ah	10	Int 17h	2 bytes	Base I/O address for parallel port 2 (printer port 2 - LPT 2)
0Ch	12	Int 17h	2 bytes	Base I/O address for parallel port 3 (printer port 3 - LPT 3)
0Eh	14	POST	2 bytes	Base I/O address for parallel port 4 (printer port 4 - LPT 4) (Only found in PC/XT systems)
10h	16	Int 11h	2 bytes	Equipment Word
				Bits 15-14 indicate the number of parallel ports installed
				00b = 1 parallel port
				01b = 2 parallel ports
				03b = 3 parallel ports
				Bits 13-12 are reserved
				Bits 11-9 indicate the number of serial ports installed
				000b = none
				001b = 1 serial port
				002b = 2 serial ports
				003b = 3 serial ports
		1		004b = 4 serial ports
				Bit 8 is reserved
				Bit 7-6 indicate the number of floppy drives installed
				0b = 1 floppy drive
				1b = 2 floppy drives
		-		Bits 5-4 indicate the video mode
				00b = EGA or later
				01b = color 40x25
				10b = color 40x25 10b = color 80x25
				11b = monochrome 80x25
				Bit 3 is reserved
				Bit 2 indicates if a PS/2 mouse is installed
				0b = not installed
				1b = installed
				Bit 1 indicated if a math coprocessor is installed
				0b = not installed
				1b = installed
				Bit 0 indicated if a boot floppy is installed
				0b = not installed
				1b = installed
12h	18	POST	1 byte	Interrupt flag - Manufacturing test
13h	19	Int 12h	2 bytes	Memory size in Kb
15h	21		2 bytes	Error codes for AT+; Adapter memory size for PC and XT
17h	22	Int 16h	1 byte	Keyboard shift flags 1
				Bit 7 indicates if Insert is on or off
				0b = Insert off
				1b = Insert on
				Bit 6 indicates if CapsLock is on or off
				0b = CapsLock off
				1b - CapsLock on
				Bit 5 indicates if NumLock is on or off
				0b = NumLock off
				1b = NumLock on
				Bit 4 indicates if ScrollLock is on or off
				0b = ScrollLock off
				1b = ScrollLock on
				Bit 3 indicates if the Alt key is up or down
		İ		0b = Alt key is up
				1b = Alt key is down
				Bit 2 indicates if the Control key is up or down
				0b = Control key is up
				1b = Control key is down
				Bit 1 indicates if the Left Shift key is up or down
				0b = Left Shift key is up
				1b = Left Shift key is down
				Bit 0 indicates if the Right Shift key is up or down
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r			1	
				0b = Right Shift key is up
			<u> </u>	1b = Right Shift key is down
18h	23	Int 16h	1 byte	Keyboard shift flags 2
				Bit 7 indicates if the Insert key is up or down
				0b = Insert key is up
				1b = Insert key is down
				Bit 6 indicates if the CapsLock key is up or down
				0b = CapsLock is key is up
				1b = CapsLock key is down
				Bit 5 indicates if the NumLock key is up or down
				0b = NumLock key is up
				1b = Numlock key is down
				Bit 4 indicates if the ScrollLock key is up or down
				0b = ScrollLock key is up
				1b = ScrollLock key is down
				Bit 3 indicates if the Pause key is active or inactive
				0b = pause key is inactive
				1b = Pause key is active
				Bit 2 indicates if the SysReg key is up or down
				0b = SysReg key is up
				1b = SysReg key is down
		-		Bit 1 indicates if the Left Alt key is up or down
				0b = Left Alt key is up
				1b = Left Alt key is down
				Bit 0 indicates if the Right Alt key is up or down
				0b = Right Alt key is up
				1b = Right Alt key is down
19h	24	Int 09h	1 byte	Alt Numpad work area
1Ah	26	Int 16h	2 bytes	Pointer to the address of the next character in the keyboard buffer
1Ch	28	Int 16h	2 bytes	Pointer to the address of the last character in he keyboard buffer
1Eh	60	Int 16h	32 bytes	Keyboard buffer
3Eh	61	Int 13h	1 byte	Floppy disk drive calibration status
				Bits 7-4 are reserved
				Bit 3 = floppy drive 3 (PC, XT)
				Bit 2 = floppy drive 2 (PC, XT)
				Bit 1 = floppy drive 1
				Bit 0 = floppy drive 0
				0b indicates not calibrated
				1b indicates calibrated
3Fh	62	Int 13h	1 byte	Floppy disk drive motor status
		1.10 1011	2 2700	Bit 7 indicates current operation
				0b = read or verify operation
				1b = write or format operation
				Bit 6 is not used
				Bit 5-4 indicates drive select
				00b = Drive 0
				01b = Drive 1
				10b = Drive 2 (PC, XT) 11b = Drive 4 (PC, XT)
		-		
				Bit 3 indicates drive 3 motor
				0b = motor off
				1b = motor on
				Bit 2 indicates drive 2 motor
				0b = motor off
				1b = motor on
				Bit 1 indicates drive 0 motor
				0b = motor off
				1b = motor on
	-		-	0b = motor off
				1b = motor on
40h	63	Int 13h	1 byte	Floppy disk drive motor time-out
41h	64	Int 13h	1 byte	Floppy disk drive status
				Bit 7 indicates drive ready status
				0b = drive ready
				1b = drive not ready (time out)
				Bit 6 indicates seek status
		-		0b = no seek error detected
		Ì	I	1

				1b = indicates a seek error was detected
				Bit 5 indicates floppy disk controller test
				0b = floppy disk controller passed
				1b = floppy disk controller failed
				Bit 4-0 error codes
				00000b = no errors
				00001b = illegal function requested
				00010b = address mark not found
				00011b = write protect error
				00100b = sector not found
				00110b = diskette change line active
				01000b = DMA overrun
				01001b = DMA boundary error
				01100b = unknown media type
				10000b = CRC error during read
42h	65	Int 13h	1 byte	Hard disk and floppy controller status register 0
			-	Bit 7-6 indicate the interrupt code
				00b = command completed normally
				01b = command terminated abnormally
				10b = abnormal termination, ready line on, or diskette changed
				11b = seek command not completed
				·
				Bit 5 indicated seek command
				0b = seek command not completed
				1b = seek command completed
				Bit 4 indicated drive fault
				0b = no drive fault
				1b = drive fault
				Bit 3 indicates drive ready
				0b = drive ready
				1b = drive not ready
				Bit 2 indicates head state when interrupt occurred
				·
				00b = drive 0
				01b = drive 1
				10b = drive 2 (PC, XT)
				11b = drive 3 (PC, XT)
				Bit 1-0 indicates drive select
				00b = drive 0
				01b = drive 1
				10b = drive 2 (PC, XT)
				11b = drive 3 (PC, XT)
43h	66	Int 13h	1 byte	Floppy drive controller status register 1
1311	00	1110 1511	1 Dytt	Bit 7-0 indicates no error
				Bit 7, 1b = indicates attempted access beyond last cylinder
				Bit 6, 0b = not used
				Bit 5, 1b = CRC error during read
				Bit 4, 1b = DMA overrun
				Bit 3, 0b = not used
				Bit 2, 1b = Sector not found or reading diskette ID failed
				Bit 1, 1b = medium write protected
				Bit 0, 1b = missing address mark
44h	67	Int 13h	1 byte	Floppy drive controller status register 2
		-	,	Bit 7, 0b = not used
				Bit 6, 1b = deleted data address mark
				Bit 5, 1b = CRC error detected
				Bit 4, 1b = wrong cylinder
				Bit 3, 1b = condition of equal during verify
				Bit 2, 1b = sector not found during verify
				Bit 1, 1b = bad cylinder
				Bit 0, 1b = address mark not found during read
45h	68	Int 13h	1 byte	Floppy disk controller: cylinder number
46h	69	Int 13h	1 byte	Floppy disk controller: head number
47h	70	Int 13h	1 byte	Floppy disk controller: sector number
48h	71	_	1 byte	Floppy disk controller: number of byte written
49h	72	Int 10h	1 byte	Active video mode setting
1211				Number of textcolumns per row for the active video mode
4Ah	/4			
4Ah	74 76	Int 10h	2 bytes	
4Ah 4Ch 4Eh	74 76 78	Int 10h Int 10h	2 bytes 2 bytes 2 bytes	Size of active video in page bytes Offset address of the active video page relative to the start of video RAM

50h 80	===1		1		
Set 1					
Seh					
S8h 88					
SAN 90 Int 1.00 2 bytes Survey position for video page 6		86			
Sch 92	58h	88	Int 10h	2 bytes	
SERN 94	5Ah	90	Int 10h		Cursor position for video page 5
SERN 94	5Ch	92	Int 10h	2 bytes	Cursor position for video page 6
60h 95 Int 10h 1 byte Converse Happe 65h 99 Int 10h 1 byte All byt	5Eh	94	Int 10h		Cursor position for video page 7
25	60h	96	Int 10h		
65h 99					
See 100					• =
Bit 7, 0b = not used Bit 5 0b = attribute bit controls background intensity 1b = attribute bit controls binking Bit 4, 1b = mode 6 graphics operation Bit 3 middeates video signal 0b = video signal disabled 1b = video signal disabled 1b = video signal anabled Bit 2 indicates or operation 0b = cotor operation 0b = cotor operation 1b = monochrome operation Bit 1, 1b = mode 475 text operation Bit 1, 1b = mode 475 text operation Bit 1, 1b = mode 475 text operation Bit 2, 1b = mode 475 text operation Color palette Bit 6, 0b = not used Bit 6, 0b = not used Bit 8 midcates node 5 foreground colors bit 1b = vigen/magnetia/white Bit 4 indicates background color 1b = normal background color 1c = normal background color 1d = normal ba					
Sit 5, 0b = not used	ווכט	100	1111 1011	1 byte	
Set 5 Ob = attribute bit controls background intensity					
D = attribute bit controls background intensity					
10 = attribute bit controls blinking					
					0b = attribute bit controls background intensity
Bit 3 indicates video signal					1b = attribute bit controls blinking
Bit 3 indicates video signal					Bit 4, 1b = mode 6 graphics operation
00 = video signal disabled 10 = video signal enabled 10 = video en			1		
10 = video signal enabled					
Bit 2 indicates color operation 1					
De color operation De monochrome operation					-
10 = monochrome operation					·
Bit 1, 1b = mode 4/5 graphics operation Bit 0, 1b = mode 2/3 test operation Bit 0, 1b = mode 2/3 test operation Bit 0, 1b = not used Bit 7, 0b = not used Bit 5 indicates mode 5 foreground colors 0b = green/red/yellow 1b = cyan/magenta/white Bit 4 indicates background color 1b = intensified background color 1b = intensified background color Bit 3 indicates intensified background color Bit 3 indicates intensified background color Bit 1 indicates intensified background color Bit 1 indicates bute Adapter ROM offset address Bit 1 indicates bute Adapter ROM offset address Bit 1 byte 1					•
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0b = did not occur 01 = did occur Bit 0 indicates IRQ 0 hardware interrupt 0b = did not occur 01 = did occur					Bit 1 indicates IRQ 1 hardware interrupt
01 = did occur Bit 0 indicates IRQ 0 hardware interrupt 0b = did not occur 01 = did occur					
Bit 0 indicates IRQ 0 hardware interrupt 0b = did not occur 01 = did occur					
0b = did not occur 01 = did occur					
01 = did occur					
6Ch 111 Int 1Ah 4 bytes Counter for Interrupt 1Ah	6.51			4	
	6Ch	111	Int 1Ah	4 bytes	Counter for Interrupt 1Ah

70c	112	Int 1Ah	1 byte	Timer 24 hour flag
71h	113	Int 16h	1 byte	Keyboard Ctrl-Break flag
72h	115	POST	2 bytes	Soft reset flag
74h	116	Int 13h	1 byte	Status of last hard disk operation
				00h = no errors
				01h = invalid function requested
				02h = address mark not found
				04h = sector not found
				05h = reset failed
				06h = removable media changed
				07h = drive parameter activity failed
				08h = DMA overrun
				09h = DMA boundary overrun
				0Ah = bad sector flag detected
				OBh = bad track detected
				0Dh = invalid number of sectors on format
				0Eh = control data address mark detected
				0Fh = DMA arbitration level out of range
				10h = uncorrectable ECC or CRC error
				11h = ECC corrected data error
				20h = general controller failure
				40h = seek operation failed
				80h = timeout
,				AAh = drive not ready
				BBh = undefined error occurred
				CCh = write fault on selected drive
				E0h = status error or error register is zero
				FFh = sense operation failed
75h	117	Int 13h	1 byte	Number of hard disk drives
76h	118	Int 13h	1 byte	Hard disk control byte
7011	110	1110 1511	1 Dyte	Bit 7
				0b = enables retries on disk error
				1b = disables retries on disk error
				Bit 6
				0b = enables reties on disk error
				1b = enables reties on disk error
				Bit 5, 0b = not used
				Bit 4, 0b = not used
				Bit 3
				0b = drive has less than 8 heads
				1b = drive has more than 8 heads
				Bit 2, 0b = not used
				Bit 1, 0b = not used
				Bit 0, 0b = not used
77h	119	Int 13h	1 byte	Offset address of hard disk I/O port (XT)
			-	
78h	120	Int 17h	1 byte	Parallel port 1 timeout
79h	121	Int 17h	1 byte	Parallel port 2 timeout
7Ah	122	Int 17h	1 byte	Parallel port 3 timeout
7Bh	123		1 byte	Parallel port 4 timeout (PC, XT) support for virtual DMA services (VDS)
				Bit 7, 0b = not used
				Bit 6, 0b = not used
				Bit 5 indicates virtual DMA services
1				0b = not supported
				• •
				1b = supported
				Bit 4, 0b = not used
			<u></u>	Bit 3 indicates chaining on interrupt 4Bh
				0b = not required
				1b = required
				Bit 2, 0b = not used
				Bit 1, 0b = not used
	251	.	2	Bit 0, 0b = not used
7Ch	124	Int 14h	1 byte	Serial port 1 timeout
7Dh	125	Int 14h	1 byte	Serial port 2 timeout
7Eh	126	Int 14h	1 byte	Serial port 3 timeout
7Fh	127	Int 14h	1 byte	Serial port 4 timeout
80h	129	Int 16h	2 bytes	Starting address of keyboard buffer
	131	Int 16h	2 bytes	Ending address of keyboard buffer
82h				

84h	132	Int 10h	1 byte	Number of video rows (minus 1)
85h	134	Int 10h	2 bytes	Number of scan lines per character
87h	135	Int 10h	1 byte	Video display adapter options
				Bit 7 indicates bit 7 of the last video mode
				0b = clear display buffer when setting mode
				1b = do not clear the display buffer
				Bit 6-4 indicates the amount of memory on the video display adapter
				000b = 64Kb
				001b = 128Kb
				010b = 192Kb
				011b = 256Kb
				100b = 512Kb
				110 = 1024Kb or more
				Bit 3 indicates video subsystem
				0b = not active
				1b = active
				Bit 2 is reserved
				Bit 1 indicates monitor type
				0b = color
				1b = monochrome
				Bit 0 indicates alphanumeric cursor emulation
				0b = disabled
				1b = enabled
88h	136	Int 10h	1 byte	Video display adapter switches
				Bit 7 indicates state of feature connector line 1
				Bit 6 indicates state of feature connector line 0
				Bit 5-4 not used
				Bit 3-0 indicate adapter type switch settings
				0000b = MDA/color 40x25
				0001b = MDA/color 80x25
				0010b = MDA/high-resolution 80x25
				0011b = MDA/high-resolution enhanced
				0100b = CGA 40x25/monochrome
				0101b = CGA 80x25/monochrome
				0110b = color 40x25/MDA
				0111b = color 80x25/MDA
				1000b = high-resolution 80x25/MDA
				1001b = high-resolution enhanced/MDA
				1010b = monochrome/CGA 40x25
				1011b = monochrome/CGA 80x25
89h	137	Int 10h	1 byte	VGA video flags 1
				Bit 7 and 4 indicate scanline mode
				00b = 350-line mode
				01b = 400-line mode
				10b = 200-line mode
				Bit 6 indicates display switch
				0b = disabled
		1		1b = enabled Bit 5 is reserved
		1		
		1		Bit 3 indicates default palette loading
		1		0b = disabled 1b= enabled
		1		
		1		Bit 2 indicates monitor type Ob = color
		1		1b = monochrome
		1		
		1		Bit 1 indicates gray scale summing Ob = disabled
		1		1b = enabled
		1		Bit 0 indicates VGA active state
		1		Ob = VGA inactive
		1		
0 A h	120	Int 10h	1 6. 4-	1b = VGA active
8Ah	138	Int 10h	1 byte	VGA video flags 2
8Bh	139	Int 13h	1 byte	Floppy disk configuration data
				Bit 7-6 indicate last data sent to the controller
				00b = 500 Kbit/sec/sec
		-		01b = 300 Kbit/sec
			<u> </u>	10b = 250 Kbit/sec

BES 4 indicate last drive sceptate sent to the controller 0.00 = 8ms 1.00 = 6ms 1.10 = 5ms 1.10 = 5			T	1	Later to a Mari
000 = 8ms 100 = 7ms 100 = 7ms 100 = 6ms 110 = 9ms 110					11b = rate not set or 1 Mbit/sec
In In In In In In In In					
ID = 6ms					
11 b = Sms 13 1 - 2 indicate data rate, set at start of operation (Bits 7-6) 14 1					
8Ch 140 Int 13h 1 byte 8ch 14ch 14ch 14ch 14ch 14ch 14ch 14ch 14					
8Ch 140 Int 13h 1 byte Nard disk drive controller status 8Ch 17 indicates controller status 8Ch 17 indicates controller status 8Ch 18 int 18 int 19 int 1					
SCh 140					
Bit 7 indicates controller state					
Discontroller busy	8Ch	140	Int 13h	1 byte	
1					
Si 6 indicates drive ready state					·
D = drive selected not ready					· ·
D = drive selected ready					Bit 6 indicates drive ready state
Bit 5 indicates write fault of the control of the c					•
Db = write Fault did not occur					·
D = write error occurred					
Sit i Indicates seek state Ob = drive selected seek complete Ib = drive selected seek complete Ic = data request is inactive					0b = write fault did not occur
Db = drive selected seeking Db = drive selected seek complete					1b = write error occurred
Ib = drive selected seek complete					Bit 4 indicates seek state
Bit 3 indicates data request is inactive 1b = data request is nactive 1b = data request is active Bit 2 indicates data correction 0b = data not corrected 1b = data corrected 1b = data corrected 1b = data corrected 1b = index pulse inactive 1b = index pulse inactive 1b = index pulse active 1b = index pulse active 1b = index pulse active 1c = index pulse active 1d = index pulse					0b = drive selected seeking
De data request is inactive					<u> </u>
10 = data request is active Bit 2 indicates data correction Ob = data not corrected 10 = data corrected 10 = data corrected 10 = data corrected 10 = index pulse state Ob = index pulse inactive 10 = index pulse active Bit 1 indicates index pulse active Bit 0 indicates error Ob = no error Ob = no error Ob = no error Di = error in previous command Di = error Di					Bit 3 indicates data request
Bit 2 indicates data correction					0b = data request is inactive
Bit 2 indicates data correction		İ			
1b = data corrected Bit 1 indicates index pulse state Ob = index pulse inactive 1b = index pulse active Ib = index pulse active Ib = index pulse active Ob = no error Ob = no error Ob = no error Ib = error in previous command Ib = error in previous command Ib = the disk drive error Ob = no tused Ib = bad sector detected Ib = index pulse ECC error occurred Ib = uncorrectable ECC error occurred Ib = uncorrectable ECC error occurred Ib = media changed Ib = media changed Ib = media changed Ib = Ib or tused Ib = media change requested Ib = ocmmand aborted Ib = command aborted Ib = track or lor found Ib = Ib or tused Ib = Ib o		1			
Bit 1 indicates index pulse state 0b = index pulse inactive 1b = index pulse active 1b = index pulse active 1b = orror in previous command 1b = orror in previous command 1b = orror in previous command 1d					0b = data not corrected
Db = index pulse inactive 1D = index pulse active Bit 0 indicates error Db = no error Db = no error Db = no error Db = no ror Db = no ror Db = no true Db = not used Db					1b = data corrected
Db = index pulse inactive 1D = index pulse active Bit 0 indicates error Db = no error Db = no error Db = no error Db = no ror Db = no ror Db = no true Db = not used Db					Bit 1 indicates index pulse state
1b = index pulse active					
Bit 0 indicates error De = no error					
1 b = error in previous command					
1 b = error in previous command					
8Dh 141 Int 13h 1 byte Hard disk drive error 8R 7 indicates bad sector 00 = not used 1b = bad sector detected 8R 6 indicated ECC error 00 = not used 1b = uncorrectable ECC error occurred 8R 5 indicates media state 00 = not used 1b = media changed 8R 4 indicates sector state 00 = not used 1b = 10 = to rarget sector not found 8R 3 indicates media change request state 00 = not used 1b = media change request state 00 = not used 1b = media change requested 8R 2 indicates command state 00 = not used 1b = command aborted 8R 1 indicates drive track error 00 = not used 1b = track 0 not found 8R 1 indicates address mark 00 = not used 1b = track 0 not found 8R 1 indicates address mark 00 = not used 1b = dadess mark not found 8R 1 indicates sector stace 00 = not used 1b = dadess mark not found 8R 1 indicates drive track complete flag 8R 1 int 13h 1 byte Floppy disk drive task complete flag 8R 1 int 13h 1 byte Floppy disk drive information 00 = not determined 00 = not determined 00 = not determined 00 = not determined 00 = not determined 00 = not determined 00 = not determined 00 = not determined 00 = not determined					
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Db = not used 1b = bad sector detected 3bt 6 indicated ECC error Db = not used Db =			1	2 5/10	
1b = bad sector detected					
Bit 6 indicated ECC error 0b = not used 1b = uncorrectable ECC error occurred Bit 5 indicates media state 0b = not used 1b = media changed Bit 4 indicates sector state 0b = not used 1b = ID or target sector not found Bit 3 indicates media change request state 0b = not used 1b = media change requested 1b = media change requested Bit 2 indicates command state 0b = not used 1b = command aborted Bit 1 indicates drive track error 0b = not used 1b = track 0 not found Bit 0 indicates address mark 0b = not used 1b = track 0 not found Bit 0 indicates address mark 0b = not used 1b = not used 1b = not used 1b = track 0 found tound Bit 1 indicates drive track error 0b = not used 1b = track 0 found found Bit 1 indicates address mark 0b = not used 1b = not used 1d = not u					
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1b = uncorrectable ECC error occurred					
Bit 5 indicates media state 0b = not used 1b = media changed Bit 4 indicates sector state 0b = not used 1b = ID or target sector not found Bit 3 indicates media change request state 0b = not used 1b = media change requested Bit 2 indicates command state 0b = not used 1b = command aborted Bit 1 indicates drive track error 0b = not used 1b = track 0 not found Bit 0 indicates address mark 0b = not used 1b = address mark not found Bit 1 Int 13h					
Ob = not used 1b = media changed Bit 4 indicates sector state Ob = not used 1b = ID or target sector not found Bit 3 indicates media change request state Ob = not used Ob = not used Ob = not used Dit = media change request state Ob = not used Dit = media change requested Dit = media change requested Dit = command state Ob = not used Dit = command aborted Dit = command aborted Dit = track of not found Dit = not used Dit = address mark not found Dit = address mark not found Dit = address mark of the not used Dit = address mark of the not used Dit = dit = task or on the not used Dit = dit = task or on the not used Dit = not used Dit = task or on the not used Dit = not used D					
1b = media changed					
Bit 4 indicates sector state Ob = not used					
0b = not used 1b = ID or target sector not found Bit 3 indicates media change request state 0b = not used 1b = media change requested Bit 2 indicates command state 0b = not used 0b = not used 1b = command aborted Bit 1 indicates drive track error 0b = not used 1b = track 0 not found Bit 0 indicates address mark 0b = not used 1b = address mark not found Bit 0 indicates drive task complete flag Bit 1 ind 1 byte Hard disk drive task complete flag Bit 1 indicates drive 1 type determination 0b = not determined Bit 6 indicates drive 1 multirate status 0b = no 0b = not determined Bit 5 indicates drive 1 multirate status 0b = no					-
1b = ID or target sector not found					
Bit 3 indicates media change request state 0b = not used 1b = media change requested Bit 2 indicates command state 0b = not used 1b = command aborted Bit 1 indicates drive track error 0b = not used 1b = track 0 not found Bit 0 indicates address mark 0b = not used 1b = address mark not found 8Eh		-			
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1b = media change requested					
Bit 2 indicates command state Db = not used					
0b = not used 1b = command aborted Bit 1 indicates drive track error 0b = not used 1b = track 0 not found Bit 0 indicates address mark 0b = not used 1b = address mark not found 8Eh 142 Int 13h 1 byte Hard disk drive task complete flag 8Fh 143 Int 13h 1 byte Floppy disk drive information Bit 7 not used Bit 6 indicates drive 1 type determination 0b = not determined 1b = determined Bit 5 indicates drive 1 multirate status 0b = no					
1b = command aborted					
Bit 1 indicates drive track error 0b = not used 1b = track 0 not found Bit 0 indicates address mark 0b = not used 1b = address mark not found 8Eh					
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1b = track 0 not found Bit 0 indicates address mark 0b = not used 1b = address mark not found 8Eh 142 Int 13h 1 byte Hard disk drive task complete flag 8Fh 143 Int 13h 1 byte Floppy disk drive information Bit 7 not used Bit 6 indicates drive 1 type determination 0b = not determined 1b = determined Bit 5 indicates drive 1 multirate status 0b = no				ļ	
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8Fh 143 Int 13h 1 byte Floppy disk drive information Bit 7 not used Bit 6 indicates drive 1 type determination Ob = not determined 1b = determined Bit 5 indicates drive 1 multirate status Ob = no					
Bit 7 not used Bit 6 indicates drive 1 type determination Ob = not determined 1b = determined Bit 5 indicates drive 1 multirate status Ob = no					
Bit 6 indicates drive 1 type determination 0b = not determined 1b = determined Bit 5 indicates drive 1 multirate status 0b = no	8Fh	143	Int 13h	1 byte	
0b = not determined 1b = determined Bit 5 indicates drive 1 multirate status 0b = no					
1b = determined Bit 5 indicates drive 1 multirate status 0b = no					
Bit 5 indicates drive 1 multirate status 0b = no					
0b = no					1b = determined
					Bit 5 indicates drive 1 multirate status
					0b = no
1b = yes					1b = yes

				Bit 4 indicates diskette 1 change line detection
				0b = no
				1b = yes
				Bit 3 not used
				Bit 2 indicates drive 0 type determination
				0b = not determined
				1b = determined
				Bit 1 indicates drive 0 multirate status
				0b = no
				1b = yes
				Bit 0 indicates diskette 0 change line detection
				0b = no
001	111	7 . 40	41.	1b = yes
90h	144	Int 13h	1 byte	Diskette 0 media state
				Bit 7-6 indicate transfer rate
				00b = 500 Kbit/sec
				01b = 300 Kbit/sec 10b = 250 Kbit/sec
				11b = 1 Mbit/sec
				Bit 5 indicates double stepping 0b = not required
				•
				1b = required Bit 4 indicates media in floppy drive
				0b = unknown media 1b = known media
				Bit 3 not used
				Bit 2-0 indicates last access 000b = trying 360k media in 360K drive
				001b = trying 360K media in 1.2M drive
				• =
				010b = trying 1.2M media in 1.2M drive 011b = known 360K media on 360K drive
				100b = known 360K media in 1.2M drive
				101b = known 1.2M media in 1.2M drive
				110b = not used
				111b = 720K media in 720K drive or 1.44M media in 1.44M drive
91h	145	Int 13h	1 byte	Diskette 1 media state
7111	113	1110 1311	1 Dyte	Bit 7-6 indicate transfer rate
				00b = 500 Kbit/sec
				01b = 300 Kbit/sec
				10b = 250 Kbit/sec
				11b = 1 Mbit/sec
				Bit 5 indicates double stepping
				0b = not required
				1b = required
				Bit 4 indicates media in floppy drive
				0b = unknown media
				1b = known media
				Bit 3 not used
				Bit 2-0 indicates last access
				000b = trying 360k media in 360K drive
				001b = trying 360K media in 1.2M drive
				010b = trying 350K media in 1.2H drive
				011b = known 360K media on 360K drive
 	1	l		
				I100b = known 360K media in 1.2M drive
				100b = known 360K media in 1.2M drive 101b = known 1.2M media in 1.2M drive
				100b = known 360K media in 1.2M drive 101b = known 1.2M media in 1.2M drive 110b = not used
				101b = known 1.2M media in 1.2M drive 110b = not used
92h	146	Int 13h	1 byte	101b = known 1.2M media in 1.2M drive 110b = not used 111b = 720K media in 720K drive or 1.44M media in 1.44M drive
92h	146	Int 13h	1 byte	101b = known 1.2M media in 1.2M drive 110b = not used 111b = 720K media in 720K drive or 1.44M media in 1.44M drive Diskette 0 operational starting state
92h	146	Int 13h	1 byte	101b = known 1.2M media in 1.2M drive 110b = not used 111b = 720K media in 720K drive or 1.44M media in 1.44M drive Diskette 0 operational starting state Bit 7 indicates data transfer rate
92h	146	Int 13h	1 byte	101b = known 1.2M media in 1.2M drive 110b = not used 111b = 720K media in 720K drive or 1.44M media in 1.44M drive Diskette 0 operational starting state Bit 7 indicates data transfer rate 00b = 500 Kbit/sec
92h	146	Int 13h	1 byte	101b = known 1.2M media in 1.2M drive 110b = not used 111b = 720K media in 720K drive or 1.44M media in 1.44M drive Diskette 0 operational starting state Bit 7 indicates data transfer rate 00b = 500 Kbit/sec 01b = 300 Kbit/sec
92h	146	Int 13h	1 byte	101b = known 1.2M media in 1.2M drive 110b = not used 111b = 720K media in 720K drive or 1.44M media in 1.44M drive Diskette 0 operational starting state Bit 7 indicates data transfer rate 00b = 500 Kbit/sec 01b = 300 Kbit/sec 10b = 250 Kbit/sec
92h	146	Int 13h	1 byte	101b = known 1.2M media in 1.2M drive 110b = not used 111b = 720K media in 720K drive or 1.44M media in 1.44M drive Diskette 0 operational starting state Bit 7 indicates data transfer rate 00b = 500 Kbit/sec 01b = 300 Kbit/sec
92h	146	Int 13h	1 byte	101b = known 1.2M media in 1.2M drive 110b = not used 111b = 720K media in 720K drive or 1.44M media in 1.44M drive Diskette 0 operational starting state Bit 7 indicates data transfer rate 00b = 500 Kbit/sec 01b = 300 Kbit/sec 10b = 250 Kbit/sec 11b = 1 Mbit/sec
92h	146	Int 13h	1 byte	101b = known 1.2M media in 1.2M drive 110b = not used 111b = 720K media in 720K drive or 1.44M media in 1.44M drive Diskette 0 operational starting state Bit 7 indicates data transfer rate 00b = 500 Kbit/sec 01b = 300 Kbit/sec 10b = 250 Kbit/sec 11b = 1 Mbit/sec Bits 5-3 not used Bit 2 indicates drive determination
92h	146	Int 13h	1 byte	101b = known 1.2M media in 1.2M drive 110b = not used 111b = 720K media in 720K drive or 1.44M media in 1.44M drive Diskette 0 operational starting state Bit 7 indicates data transfer rate 00b = 500 Kbit/sec 01b = 300 Kbit/sec 10b = 250 Kbit/sec 11b = 1 Mbit/sec Bits 5-3 not used

				Bit 1 indicates drive multirate status
				0b = drive is not multirate
				1b = drive is multirate
				Bit 0 indicates change line detection
				0b = no change line detection
				1b = change line detection
93h	147	Int 13h	1 byte	Diskette 1 operational starting status
9311	17/	THE ISH	1 byte	Bit 7 indicates data transfer rate
				00b = 500 Kbit/sec
				01b = 300 Kbit/sec
				10b = 250 Kbit/sec
				11b = 1 Mbit/sec
				Bits 5-3 not used
				Bit 2 indicates drive determination
				0b = drive type not determined
				1b = drive type determined
				Bit 1 indicates drive multirate status
				0b = drive is not multirate
				1b = drive is multirate
	ļ	ļ		Bit 0 indicates change line detection
				0b = no change line detection
				1b = change line detection
94h	148	Int 13h	1 byte	Diskette 0 current cylinder
95h	149	Int 13h	1 byte	Diskette 1 current cylinder
96h	150	Int 16h	1 byte	Keyboard status flags 3
				Bit 7, 1b = reading two byte keyboard ID in progress
				Bit 6, 1b = last code was first ID character
				Bit 5, 1b = forced Numlock on
				Bit 4 indicates presence of 101/102 key keyboard
				0b = present
				1b = not present
				Bit 3 indicates right alt key active
				0b = not active
				1b = active
				Bit 2 indicates right control key active
				0b = not active
				1b = active
				Bit 1, 1b = last scancode was E0h
				Bit 0, 1b = last scancode was E1h
97h	151	Int 16h	1 byte	Keyboard status flags 4
3711	131	THE TOH	1 byte	Bit 7, 1b = keyboard transmit error
				Bit 6, 1b = LED update in progress
				Bit 5, 1b = re-send code received
				Bit 4, 1b = acknowledge code received
				Bit 3, 1b = reserved
				Bit 2 indicates CapsLock LED state
			-	0b = CapsLock LED off
				1b = CapsLock LED on
				Bit 1 indicates NumLock LED state
				0b = NumLock LED off
				1b = NumLock LED on
				Bit 0 indicates ScrollLock LED state
				0b = ScrollLock LED off
	_			1b = ScrollLock LED on
001	155		4 6	
98h	155		4 bytes	Segment:Offset address of user wait flag pointer
9Ch	159		4 bytes	User wait count
A0h	160		1 byte	User wait flag
	1			Bit 7, 1b = wait time has elapsed
			-	Bit 6-1 not used
				Bit 0 indicates wait progress
				0b = no wait in progress
Δ1h	167		7 hvtes	0b = no wait in progress 1b = wait in progress
A1h A8h	167		7 bytes	0b = no wait in progress 1b = wait in progress Local area network (LAN) bytes
A8h	171		4 bytes	0b = no wait in progress 1b = wait in progress Local area network (LAN) bytes Segment:Offset address of video parameter control block
	1		4 bytes 68 bytes	0b = no wait in progress 1b = wait in progress Local area network (LAN) bytes Segment:Offset address of video parameter control block