

BIOS Data Area Information

Address*	Set bit and value (where applicable)	Description
0408-040F		Parallel printer adapter addresses (LPT 1-4)
0410	bit 0 bit 1 bits 4 and/or 5 bits 6 and/or 7	Equipment status byte 1 = disk drives in system 1 = math coprocessor installed (XT, AT only) Initial video mode 11 = 80-column by 25-line monochrome 10 = 80-column by 25-line color 01 = 40-column by 25-line color Number of disk drives in system 00 = 1 01 = 2 10 = 3 11 = 4
0411	bits 1-3 bit 4	Equipment status byte Number of RS-232 adapters (COM 1-4) Game port attached (except on AT systems)
0413		Low byte usable system RAM (K)
0414		High byte usable system RAM (K)
0417	bit 0 bit 1 bit 2 bit 3 bit 4 bit 5 bit 6 bit 7	Keyboard status flag byte 1 = Right Shift key pressed 1 = Left Shift key pressed 1 = Control key pressed 1 = Alternate key pressed 1 = Scroll Lock active 1 = Num Lock active 1 = Caps Lock active 1 = Insert mode active
0418	bit 3 bit 4 bit 5 bit 6 bit 7	Keyboard status byte 1 = Ctrl-Num Lock toggled 1 = Scroll Lock active 1 = Num Lock active 1 = Caps Lock active 1 = Insert mode active
0419		Alt-Numeric Keypad input (accumulator)
041A-041B		Keyboard buffer head (word pointer)
041C-041D		Keyboard buffer tail (word pointer)
041E-043D		Keyboard buffer
0449		Current CRT mode
044A		Number of CRT columns
0463-0464		Address of current display adapter
046C-046D		Low word of timer count
046E-046F		High word of timer count

*All addresses are hexadecimal

Segment: 0000