



Virtual key codes (for 0AB0)

Character	Decimal	Hex
Backspace	8	8
Tab	9	9
Enter	13	D
Shift (both)	16	10
Ctrl (both)	17	11
Pause	19	13
Caps Lock	20	14
Esc	27	1B
Spacebar	32	20
Page Up	33	21
Page Down	34	22
End	35	23
Home	36	24
(left arrow)	37	25
(up arrow)	38	26
(right arrow)	39	27
(down arrow)	40	28
Insert	45	2D
Delete	46	2E
0	48	30
1	49	31
2	50	32
3	51	33
4	52	34
5	53	35
6	54	36
7	55	37
8	56	38
9	57	39
A or a	65	41
B or b	66	42
C or c	67	43
D or d	68	44
E or e	69	45
F or f	70	46
G or g	71	47
H or h	72	48
I or i	73	49
J or j	74	4A
K or k	75	4B
L or l	76	4C

M or m	77	4D
N or n	78	4E
O or o	79	4F
P or p	80	50
Q or q	81	51
R or r	82	52
S or s	83	53
T or t	84	54
U or u	85	55
V or v	86	56
W or w	87	57
X or x	88	58
Y or y	89	59
Z or z	90	5A
(left Windows key)	91	5B
(right Windows key)	92	5C
(application key - located between the right Windows and Ctrl keys on most keyboards)	93	5D
0 (numpad with Num Lock on)	96	60
1 (numpad with Num Lock on)	97	61
2 (numpad with Num Lock on)	98	62
3 (numpad with Num Lock on)	99	63
4 (numpad with Num Lock on)	100	64
5 (numpad with Num Lock on)	101	65
6 (numpad with Num Lock on)	102	66
7 (numpad with Num Lock on)	103	67
8 (numpad with Num Lock on)	104	68
9 (numpad with Num Lock on)	105	69
* (numpad)	106	6A
+ (numpad)	107	6B
- (numpad)	109	6D
. (numpad)	110	6E
/ (numpad)	111	6F
F1	112	70
F2	113	71
F3	114	72
F4	115	73
F5	116	74
F6	117	75
F7	118	76
F8	119	77
F9	120	78
F10	121	79
F11	122	7A
F12	123	7B
Num Lock	144	90
Scroll Lock	145	91
;	186	BA
=	187	BB
,	188	BC
-	189	BD
.	190	BE

/	191	BF
`	192	C0
[	219	DB
\	220	DC
]	221	DD
'	222	DE